

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ANALYTICAL DATA FOR GOLD IN GEOLOGICAL MATERIALS FROM THE
BUTTE 1° X 2° QUADRANGLE, MONTANA

by

W. L. CAMPBELL, G. A. NOWLAN, and J. C. ANTWEILER

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INTRODUCTION

A regional geochemical survey was conducted in the Butte 1° X 2° quadrangle during the summers of 1979, 1980, and 1981. Samples collected included rocks, stream sediments, soils, and panned concentrates. This report is limited to those samples analyzed for gold by atomic-absorption methods.

SAMPLE COLLECTION AND PREPARATION TECHNIQUES

Samples collected include mineralized or unmineralized rocks from outcrops, float, veins, or mine dumps. Rock samples were ground in a vertical pulverizer to pass a minus 80 mesh(177 micrometer) screen. The other samples in this report were panned concentrates. These were obtained by concentrating stream gravels or other alluvium by panning 8 to 10 kg (16-20 lbs) in a 240 cm (16 in) gold pan to a heavy fraction (specific gravity greater than 3.0) consisting of limonite, hematite, magnetite, monazite, garnet, sphene, apatite, zircon, gold and other heavy minerals. The panned concentrates ranged in weight from about 3 g to 200 g or more.

ANALYTICAL PROCEDURES

The samples were analyzed by atomic absorption according to the method described by Thompson and others (1968). Ten grams of each rock sample were analyzed. The panned concentrates were split into 25 g portions if they exceeded that weight, and each 25 g portion was analyzed separately until the entire concentrate was analyzed. The concentration of gold in parts per million (ppm) in the panned concentrates was then calculated by dividing the total mass of the gold as determined by atomic absorption methods by the total mass of the sample in grams.

RESULTS

The analytical data are shown in the accompanying table. Panned concentrates, approximately 75 percent of the samples, have the suffixes P or O and the remaining 25 percent are rock samples.

REFERENCES

Thompson, C. E., Nakagawa, H. M., and Van Sickle, G. H., 1968. Rock analysis for gold in geologic materials, in Geological Survey Research: U.S. Geological Survey Professional Paper 600-B, p. B130-132.

TABLE 1.--Gold: Butte 1° x 2° quadrangle, Montana
[< = less than the value shown.]

Sample	Latitude	Longitude	Au ppm (.05)
80078	46° 32' 49"	113° 54' 31"	<.05
80082	46 34 43	113 54 39	<.05
80083	46 7 29	113 54 51	<.05
80088	46 7 10	113 54 51	<.05
80110	46 35 39	113 54 28	<.05
80118	46 20 27	113 54 41	<.05
80134	46 12 12	113 54 48	<.05
80156	46 35 58	113 54 28	<.05
80197	46 9 22	113 54 48	<.05
80201	46 35 58	113 54 26	<.05
80212	46 32 29	113 54 30	<.05
80216B	46 19 26	113 53 20	<.05
80251	46 34 3	113 54 27	<.05
80268	46 12 30	113 54 48	<.05
80272	46 26 5	113 53 59	<.05
80302A	46 11 10	113 46 4	<.05
80304	46 15 18	113 47 5	<.05
80332B	46 22 42	113 54 39	<.05
80342	46 5 46	113 53 32	<.05
803449A	46 5 46	113 53 29	<.05
80349B	46 5 46	113 53 29	<.05
80374	46 28 57	113 46 12	<.05
80386A	46 19 0	113 46 34	<.05
80387A	46 22 19	113 46 32	<.05
80388A	46 2 26	113 46 41	<.05
80395	46 12 19	113 46 29	<.05
80404A	46 21 16	113 46 16	<.05
80404A	46 21 16	113 46 16	<.05
80414B	46 2 15	113 46 18	4.50
80414C	46 2 15	113 46 18	<.05
80449	46 15 35	113 53 22	<.05
80467	46 14 37	113 46 38	<.05
80475B	46 2 59	113 54 33	<.05
80491	46 7 56	113 46 44	<.05
80496	46 7 53	113 46 42	<.05
80512	46 1 26	113 46 42	<.05
80516	46 28 49	113 53 35	<.05
80542	46 25 43	113 53 42	<.05
80556	46 25 51	113 53 24	1.40
80567A	46 22 40	113 53 35	<.05
80571A	46 19 26	113 53 38	<.05
80634	46 26 47	113 39 31	<.05
80635	46 26 30	113 39 31	<.05
80645	46 15 2	113 54 43	<.05
80653	46 16 12	113 53 38	<.05
80658	46 22 57	113 54 38	<.05
80671	46 25 58	113 53 21	<.05
80713	46 20 59	113 46 21	<.05
80720	46 14 25	113 46 29	<.05
80725	46 20 59	113 46 24	<.05

TABLE 1.--Gold: Butte 1° x 2° quadrangle, Montana
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Sample	Latitude	Longitude	Au ppm (.05)
80732	46° 6' 41"	113° 52' 55"	<.05
80DL14	46 11 2	113 43 20	<.05
80DL21	46 1 41	113 54 33	<.05
80DL24A	46 7 57	113 46 23	<.05
80DL24C	46 7 57	113 46 23	<.05
80DL25	46 11 9	113 46 27	<.05
80DL29	46 2 40	113 53 40	<.05
80DL30A	46 12 37	113 53 24	<.05
80DL33	46 29 12	113 53 19	<.05
80DL36	46 16 9	113 53 19	<.05
80DL38A	46 22 45	113 46 28	<.05
80DL39A	46 22 46	113 46 28	<.05
80DL41A	46 25 48	113 46 20	<.05
80DL41B	46 25 48	113 46 20	<.05
80DL42	46 19 11	113 46 23	<.05
80DL43	46 5 54	113 46 27	<.05
80DL44A	46 25 46	113 46 9	<.05
80DL48	46 22 21	113 54 36	<.05
80DL49	46 35 39	113 54 26	<.05
80DL55	46 6 30	113 54 49	<.05
80DL56	46 23 36	113 54 36	<.05
80DL57	46 33 26	113 54 29	<.05
80DL58	46 12 50	113 54 46	<.05
80DL59	46 28 21	113 54 34	<.05
80DL62	46 7 38	113 43 40	<.05
80DL64	46 12 40	113 46 17	<.05
80DL66	46 29 15	113 46 2	<.05
80DL71	46 11 17	113 46 35	<.05
80DL77	46 25 53	113 53 58	<.05
80DL78	46 9 23	113 53 56	<.05
80DL81	46 28 58	113 53 48	<.05
80DL83A	46 6 13	113 54 3	<.05
80DL84	46 12 19	113 53 49	<.05
80DL85	46 28 46	113 53 41	<.05
80DL87	46 18 54	113 53 42	.50
80SM4	46 7 45	113 46 33	<.05
80SM6	46 4 28	113 46 19	<.05
ALD1211P	46 27 15	113 36 23	<.05
ALD1222P	46 24 6	113 36 13	<.05
ALD1224P	46 24 5	113 36 9	<.05
ALD1608P	46 29 34	113 36 42	<.05
ALD1610P	46 29 34	113 36 40	<.05
ALD1612P	46 29 54	113 36 40	.06
ALD1614P	46 29 55	113 36 44	<.05
ALD1836P	46 29 1	113 36 19	<.05
ALD2385P	46 22 45	113 32 35	<.05
ALD2387P	46 22 45	113 32 35	.60
ALD2388P	46 22 45	113 32 35	2.10
ALD2389P	46 22 45	113 32 35	1.60
ALD2391P	46 22 41	113 30 40	<.05

TABLE 1.--Gold: Butte 1° x 2° quadrangle, Montana
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Sample	Latitude	Longitude	Au ppm (.05)
ALD2393P	46° 25' 18"	113° 32' 20"	<.05
ALD2395P	46 24 43	113 32 40	.20
ALD2397P	46 24 47	113 33 35	2.00
ALD2743P	46 29 52	113 30 14	<.05
ALD2745P	46 29 14	113 30 7	<.05
ALD2747P	46 28 13	113 30 40	<.05
ALD2749P	46 27 25	113 30 1	<.05
ALD2753P	46 25 38	113 30 5	<.05
ALD2755P	46 25 31	113 30 16	<.05
ALD2774P	46 24 11	113 32 40	.17
ALD3034P	46 23 59	113 30 20	.14
ALD3035P	46 23 59	113 30 20	<.05
ALD3036P	46 23 59	113 30 20	.10
ALD3038P	46 23 59	113 30 20	16.35
ALD3039P	46 23 59	113 30 20	<.05
ALD3040P	46 23 59	113 30 20	.10
ALD3041P	46 23 59	113 30 20	10.45
ALD3042P	46 23 59	113 30 20	16.95
ALD3043P	46 23 59	113 30 20	7.55
ALD30460	46 23 58	113 30 50	<.05
ALD3224P	46 24 13	113 30 21	.60
ALD3226P	46 24 8	113 30 22	.70
ALD3349R	46 25 10	113 30 34	1.20
ALD4204P	46 24 32	113 31 6	<.05
ALD4206P	46 25 56	113 33 6	<.05
ALD4208P	46 25 59	113 33 4	<.05
ALD4210P	46 27 0	113 33 7	.19
ALD4212P	46 26 5	113 30 58	<.05
ALD4214P	46 23 46	113 34 59	<.05
ALD531P	46 27 0	113 35 38	<.05
ALD533P	46 27 26	113 35 41	<.05
ALD535P	46 26 23	113 36 11	<.05
ALD537P	46 25 52	113 37 0	<.05
AN1178P	46 3 21	112 57 24	<.05
AN1180P	46 4 1	112 55 2	.08
AN1182P	46 4 23	112 52 57	<.05
AN1186P	46 0 27	112 49 25	<.05
AN1188P	46 0 48	112 47 31	7.10
AN1190P	46 2 32	112 58 36	.05
AN1192P	46 5 7	112 55 23	1.35
AN1194P	46 2 22	112 46 28	.10
AN1196P	46 13 0	112 51 40	<.05
AN1198P	46 14 40	112 54 35	1.50
AN2100P	46 2 38	112 54 21	<.05
AN2106P	46 0 32	112 53 22	<.05
AN2108P	46 0 48	112 53 59	<.05
AN2110P	46 1 9	112 54 10	<.05
AN2112P	46 1 29	112 54 53	<.05
AN2114P	46 1 34	112 54 59	<.05
AN3643P	46 10 38	112 53 47	<.05

TABLE 1.--Gold: Butte 1° x 2° quadrangle, Montana
--continued

Sample	Latitude	Longitude	Au ppm (.05)
AN3646P	46° 11' 27 "	112° 53' 52"	<.05
AN3648P	46 12 33	112 53 38	.25
AN3650P	46 12 51	112 56 51	<.05
AN3652P	46 13 21	112 53 50	2.44
AN3654P	46 13 3	112 58 15	<.05
AN3656P	46 12 33	112 58 43	<.05
AN3658P	46 11 53	112 58 14	<.05
AN3660P	46 11 33	112 58 27	<.05
AN3662P	46 10 31	112 56 54	<.05
AN3664P	46 10 26	112 55 56	.46
AN3666P	46 10 0	112 56 48	<.05
AN3668P	46 9 53	112 56 48	<.05
AN3670P	46 9 53	112 56 48	<.05
AN3672P	46 9 33	112 56 2	<.05
AN3674P	46 9 29	112 54 30	.11
AN3683P	46 6 48	112 55 10	<.05
AN3685P	46 6 41	112 57 36	<.05
AN3687P	46 6 25	112 58 36	<.05
AN3689P	46 6 51	112 59 29	<.05
AN3691P	46 7 32	112 59 47	<.05
AN3747P	46 13 31	112 58 7	<.05
AN3749P	46 14 8	112 55 35	<.05
AN5627P	46 6 30	112 45 10	<.05
AN5704P	46 10 8	112 45 14	<.05
AN5706P	46 10 3	112 45 14	.05
AN6266P	46 1 51	112 59 0	<.05
AN6268P	46 3 34	112 58 27	<.05
AN6937P	46 0 59	112 58 44	<.05
AN6939P	46 3 18	112 58 51	<.05
AN6955P	46 3 24	112 59 7	<.05
AN6957P	46 2 57	112 53 55	<.05
AN6959P	46 2 48	112 50 47	<.05
AN6963P	46 2 5	112 49 30	<.05
AN6965P	46 5 7	112 55 16	<.05
AN6967P	46 0 54	112 46 22	2.00
AN6969P	46 14 33	112 51 0	.59
AN6974P	46 13 43	112 51 37	<.05
AN6976P	46 12 12	112 54 33	<.05
AN6978P	46 12 33	112 55 11	.63
AN6986P	46 4 47	112 58 56	<.05
AN7818P	46 3 9	112 45 7	<.05
ANT3233P	46 22 19	113 29 42	.20
ANT3359P	46 21 9	113 28 6	<.05
ANT3361P	46 21 13	113 28 43	<.05
ANT3367P	46 15 22	113 27 15	<.05
ANT3369P	46 15 43	113 27 39	<.05
ANT3371P	46 15 49	113 27 43	<.05
ANT3373P	46 15 51	113 28 55	<.05
ANT3379P	46 15 57	113 29 30	<.05
ANT4347P	46 16 34	113 23 59	<.05

TABLE 1.--Gold: Butte 1° x 2° quadrangle, Montana
--continued

Sample	Latitude	Longitude	Au ppm (.05)
ANT4349P	46° 16' 27"	113° 24' 10"	<.05
ANT4352P	46 16 34	113 25 43	<.05
ANT4354P	46 16 5	113 25 52	<.05
ANT4356P	46 18 9	113 26 37	<.05
ANT4359P	46 17 57	113 25 42	.07
ANT4361P	46 17 47	113 24 32	<.05
ANT4369P	46 19 32	113 24 50	.18
ANT4371R	46 18 58	113 25 1	.50
ANT4374R	46 18 59	113 24 58	.20
ANT4375R	46 18 56	113 25 0	1.00
ANT4376P	46 19 32	113 27 46	<.05
ANT4378P	46 20 9	113 27 29	.06
ANT4380P	46 20 12	113 28 36	.11
ANT5231P	46 21 52	113 25 52	.40
ANT5233P	46 21 33	113 26 31	<.05
ANT5235P	46 21 34	113 26 31	<.05
ANT5237P	46 21 0	113 25 53	<.05
ANT5239P	46 21 38	113 23 43	<.05
ANT5335P	46 18 17	113 29 16	.93
ARL0605P	47 1 28	114 1 9	<.05
ARL0607P	47 1 28	114 1 9	<.05
AV01060P	46 41 48	112 30 49	<.05
AV010650	46 42 0	112 30 15	4.60
AV010650	46 43 0	112 30 16	1.30
AV03507P	46 31 47	112 43 37	<.05
AV03509P	46 32 6	112 41 7	<.05
AV03511P	46 32 53	112 40 31	<.05
AV03513P	46 32 25	112 37 21	<.05
AV03516P	46 34 10	112 39 37	<.05
AV03518P	46 35 8	112 39 35	<.05
AV03524P	46 34 0	112 30 52	<.05
AV03527P	46 34 31	112 31 4	.29
AV03528P	46 34 47	112 33 29	<.05
AV03530P	46 34 47	112 33 33	.51
AV03533P	46 32 45	112 32 24	<.05
AV03535P	46 31 32	112 31 51	<.05
AV03537P	46 31 42	112 30 8	<.05
AV03540P	46 30 57	112 32 14	<.05
AV03543P	46 31 38	112 34 34	<.05
AV03551P	46 32 49	112 35 45	<.05
AV03553P	46 32 36	112 35 36	<.05
AV03557P	46 34 4	112 36 2	<.05
AV03559P	46 35 0	112 36 9	<.05
AV05455P	46 32 15	112 44 17	<.05
AV05457P	46 34 20	112 44 50	<.05
AV05459P	46 34 55	112 44 50	<.05
AV05461P	46 34 50	112 43 35	<.05
AV05463P	46 34 50	112 43 30	<.05
AV073580	46 37 10	112 42 20	.15
AV073590	46 38 35	112 41 30	.30

TABLE 1.--Gold: Butte 1° x 2° quadrangle, Montana
--continued

Sample	Latitude	Longitude	Au ppm (.05)
AV07676P	46° 39' 50"	112° 34' 17 "	.40
AV07678P	46 41 10	112 32 10	<.05
AV07739P	46 44 45	112 39 20	<.05
AV086120	46 42 15	112 30 20	.70
AV08614P	46 39 50	112 31 0	.10
AV08617P	46 36 25	112 33 10	27.20
AV08619P	46 37 55	112 32 35	4.45
AV08622P	46 42 20	112 30 20	2.20
AV08627P	46 42 20	112 30 20	29.60
AV08628P	46 42 20	112 35 5	2.90
AV08630P	46 42 50	112 35 0	11.20
AV08632P	46 42 40	112 35 55	<.05
AV08645P	46 34 15	112 40 10	1.05
AV08650P	46 35 55	112 38 35	<.05
AV08652P	46 35 20	112 39 40	<.05
AV08654P	46 37 0	112 30 32	4.10
AV08656P	46 37 15	112 30 7	9.00
AV08659P	46 42 30	112 42 55	<.05
AV08661P	46 42 0	112 42 20	<.05
AV08663P	46 42 40	112 44 0	<.05
AV08665P	46 44 15	112 44 29	<.05
BAL2206P	46 3 57	113 53 16	<.05
BAL2208P	46 3 20	113 53 19	<.05
BAL2210P	46 3 17	113 53 19	<.05
BAL2212P	46 3 27	113 54 11	<.05
BAL2214P	46 3 37	113 55 53	<.05
BAL2216P	46 3 49	113 56 53	<.05
BAL2218P	46 3 51	113 59 0	<.05
BAL2220P	46 3 49	113 58 3	<.05
BAL2222P	46 4 38	113 58 16	<.05
BAL2224P	46 5 54	113 59 11	<.05
BAL2226P	46 5 20	113 59 4	<.05
BAL2228P	46 6 24	113 59 58	<.05
BAL2230P	46 1 18	113 53 11	<.05
BAL2232P	46 1 14	113 52 52	<.05
BAL22340	46 1 17	113 52 59	.05
BAL2235P	46 1 15	113 52 44	<.05
BAL2237P	46 1 16	113 52 31	<.05
BAL2239P	46 0 13	113 53 49	<.05
BAL2241P	46 0 14	113 53 51	<.05
BAL2243P	46 0 33	113 59 18	<.05
BAL2245P	46 6 38	113 55 15	<.05
BAL2247P	46 6 38	113 55 13	<.05
BAL2249P	46 6 45	113 55 20	<.05
BAL2251P	46 5 49	113 54 42	.52
BAL2253P	46 5 55	113 55 31	<.05
BAL2257P	46 6 0	113 52 32	<.05
BAL2275P	46 0 15	113 54 33	<.05
BAL2277P	46 0 8	113 56 36	<.05
BAL2279P	46 0 9	113 56 40	<.05

TABLE 1.--Gold: Butte 1° x 2° quadrangle, Montana
--continued

Sample	Latitude	Longitude	Au ppm (.05)
BAL2281P	46° 0' 1"	113° 57' 47"	<.05
BAL2283P	46 1 28	113 58 53	<.05
BAL2285P	46 1 59	113 59 32	<.05
BAL2636P	46 6 58	113 59 1	<.05
BAL2638P	46 6 54	113 59 54	<.05
BAL2641P	46 1 31	113 53 32	<.05
BAL2643P	46 1 47	113 54 22	<.05
BAL2645P	46 2 34	113 54 54	<.05
BAL2647P	46 2 33	113 55 19	<.05
BAL2649P	46 3 4	113 56 33	<.05
BAL2651P	46 3 8	113 57 33	<.05
BAL2653P	46 3 31	113 58 13	<.05
BAL2658P	46 6 39	113 56 39	<.05
BAL2660P	46 6 37	113 56 46	<.05
BAL4299P	46 7 25	113 52 55	<.05
BAL4301P	46 4 18	113 54 58	<.05
BAL4303P	46 2 45	113 52 53	<.05
BAS0182R	46 25 40	112 17 15	1.20
BAS4492P	46 18 10	112 15 20	.56
BAS4494P	46 18 10	112 15 20	<.05
BAS4558P	46 16 13	112 16 13	5.14
BAS4593P	46 15 25	112 21 45	<.05
BAS5401P	46 15 10	112 26 0	<.05
BAS5405P	46 15 10	112 26 30	<.05
BAS5407P	46 15 15	112 27 20	.43
BAS5409P	46 15 40	112 28 35	<.05
BAS5411P	46 17 35	112 28 25	.60
BAS5413P	46 15 45	112 29 20	<.05
BAS5423P	46 16 0	112 33 32	<.05
BAS5425P	46 16 3	112 22 58	<.05
BAS5429P	46 18 28	112 21 47	<.05
BAS5431P	46 18 30	112 21 45	<.05
BAS5433P	46 17 5	112 19 55	.05
BAS54350	46 18 0	112 25 50	.20
BAS54360	46 18 0	112 25 50	.90
BAS6385P	46 16 45	112 16 5	.10
BAS6387P	46 18 25	112 18 20	5.45
BAS6389P	46 21 20	112 19 10	.40
BAS6391P	46 22 0	112 18 25	<.05
BAS6393P	46 21 55	112 18 20	1.05
BAS63960	46 25 5	112 18 35	25.00
BAS6398P	46 27 25	112 17 0	.30
BAS6475P	46 29 50	112 16 40	5.40
BAS6477P	46 29 50	112 16 35	4.55
BAS7200P	46 27 20	112 17 0	<.05
BAS7202P	46 27 0	112 17 5	30.85
BAS7204P	46 27 20	112 15 30	.30
BAS7206P	46 25 55	112 15 55	.60
BAS7230P	46 23 55	112 29 2	<.05
BAS7232P	46 23 58	112 29 0	<.05

TABLE 1.--Gold: Butte 1° x 2° quadrangle, Montana
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Sample	Latitude	Longitude	Au ppm (.05)
BAS7240P	46°30' 0"	112° 22' 22"	<.05
BAS7243P	46 28 50	112 21 40	.90
BAS7247P	46 27 50	112 20 45	.95
BAS7249P	46 27 30	112 20 2	.20
BAS7251P	46 27 32	112 20 0	.25
BAS7346P	46 22 25	112 26 55	<.05
BAS7348P	46 22 20	112 27 0	.15
BAS7350P	46 26 30	112 23 20	<.05
BAS7352P	46 24 30	112 24 30	.70
BAS7622P	46 20 28	112 20 15	.25
BAS7624P	46 22 15	112 21 0	23.45
BAS7627P	46 23 45	112 19 53	5.75
BAS7629P	46 24 47	112 18 25	3.25
BAS7631P	46 23 47	112 18 25	.20
BAS7633P	46 23 44	112 17 15	8.85
BAS7635P	46 21 13	112 21 58	<.05
BAS7637P	46 21 7	112 22 0	<.05
BAS7652P	46 25 30	112 21 3	<.05
BAS7654P	46 25 5	112 21 50	.80
BAS7656P	46 25 7	112 20 16	7.50
BAS76590	46 25 45	112 22 10	.90
BAS76600	46 25 45	112 22 10	2.30
BAS7662P	46 26 3	112 26 2	<.05
BAS7664P	46 26 8	112 27 2	<.05
BAS7667P	46 28 3	112 25 17	5.75
BAS7669P	46 28 17	112 27 7	<.05
BAS7671P	46 28 32	112 26 50	.10
BAS7673P	46 30 7	112 24 50	4.90
BAS96210	46 24 20	112 24 0	1.05
BAS96220	46 24 20	112 24 0	4.40
BAS9627P	46 18 32	112 21 47	<.05
BAS9629P	46 18 28	112 21 47	<.05
BAT7849P	46 52 43	113 20 34	<.05
BAT7855P	46 53 50	113 21 47	<.05
BAT7857P	46 53 54	113 21 44	<.05
BAT7859P	46 53 6	113 18 35	<.05
BAT7861P	46 54 20	113 16 10	<.05
BAT7864P	46 56 13	113 15 34	.10
BAT7866P	46 59 4	113 15 9	<.05
BAT7869P	46 58 28	113 16 11	<.05
BAT7871P	46 58 43	113 16 56	<.05
BAT7873P	46 58 41	113 16 58	<.05
BAT7879P	46 54 20	113 20 11	<.05
BAT7881P	46 55 23	113 20 35	<.05
BAT7883P	46 55 23	113 20 30	<.05
BAT7885P	46 56 2	113 20 39	<.05
BAT7887P	46 58 29	113 19 21	<.05
BAT7889P	46 57 34	113 18 47	<.05
BAT7891P	46 57 15	113 17 44	.09
BOP3588P	46 7 45	112 16 40	.25

TABLE 1.--Gold: Butte 1° x 2° quadrangle, Montana
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Sample	Latitude	Longitude	Au ppm (.05)
BDR3592P	46° 9 '55"	112° 12 '50 "	1.15
BDR3594P	46 9 50	112 12 40	<.05
BDR3596P	46 10 55	112 11 10	<.05
BDR3598P	46 10 45	112 10 55	<.05
BDR4010P	46 6 9	112 11 44	22.45
BDR4018P	46 7 25	112 10 0	<.05
BDR4020P	46 6 14	112 9 28	<.05
BDR4023P	46 4 19	112 9 14	<.05
BDR4027P	46 2 17	112 9 15	<.05
BDR4400P	46 11 6	112 9 45	<.05
BDR4406P	46 12 30	112 11 50	<.05
BDR4409P	46 12 40	112 11 35	<.05
BDR4411P	46 12 40	112 13 15	.20
BDR4416P	46 14 40	112 10 20	<.05
BDR4421P	46 14 10	112 13 55	.05
BDR4458P	46 11 30	112 8 0	<.05
BDR6269P	46 12 5	112 8 0	<.05
BDR6271P	46 12 40	112 13 50	<.05
BDR6274P	46 9 0	112 14 55	1.10
BDR6276P	46 9 15	112 14 20	<.05
BDR6278P	46 11 15	112 5 20	<.05
BDR6295P	46 10 45	112 1 45	<.05
BDR6297P	46 11 0	112 2 15	<.05
BDR6364P	46 0 55	112 1 40	<.05
BDR6383P	46 1 20	112 7 25	<.05
BDR6647P	46 13 33	112 10 0	<.05
BDR6654P	46 14 45	112 1 55	<.05
BDR6656P	46 12 10	112 4 0	.05
BDR6658P	46 11 25	112 3 20	<.05
BDR6660P	46 10 20	112 2 40	<.05
BDR6662P	46 10 0	112 1 25	<.05
BDR6664P	46 8 25	112 1 30	<.05
BDR6668P	46 9 5	112 1 25	<.05
BDR6672P	46 2 5	112 1 45	<.05
BDR6679P	46 2 15	112 9 15	<.05
BDR6683P	46 1 5	112 4 5	<.05
BDR6685P	46 2 10	112 5 30	<.05
BDR6687P	46 3 15	112 5 50	<.05
BDR6689P	46 4 10	112 8 15	<.05
BDR6691P	46 6 10	112 9 35	<.05
BDR6693P	46 6 15	112 9 35	.12
BDR6695P	46 6 25	112 9 5	<.05
BDR6697P	46 7 5	112 9 10	.09
BDR6699P	46 7 10	112 9 5	<.05
BDR7600P	46 5 40	112 7 55	<.05
BDR7602P	46 7 40	112 7 0	<.05
BDR7604P	46 7 45	112 6 40	<.05
BDR7606P	46 11 30	112 6 45	<.05
BDR7608P	46 11 25	112 6 35	<.05
BDR7610P	46 13 55	112 8 50	<.05

TABLE 1.--Gold: Butte 1° x 2° quadrangle, Montana
--continued

Sample	Latitude	Longitude	Au ppm (.05)
BDR7612P	46° 14 '15"	112° 9' 35 "	<.05
BDR7614P	46 16 5	112 16 15	1.38
BDR7616P	46 15 50	112 17 50	.12
BDR7618P	46 18 15	112 18 10	.09
BDR7620P	46 19 15	112 19 15	.29
BEM1124P	46 30 26	113 22 49	<.05
BEM1457P	46 35 31	113 28 49	<.05
BEM1462P	46 38 34	113 24 57	<.05
BEM1571P	46 39 5	113 24 37	<.05
BEM1573P	46 39 26	113 24 25	<.05
BEM1575P	46 40 33	113 23 35	<.05
BEM1577P	46 40 58	113 22 51	<.05
BEM2404P	46 37 47	113 17 15	<.05
BEM2407P	46 36 15	113 19 57	<.05
BEM2412P	46 31 15	113 15 35	.08
BEM2888P	46 36 47	113 29 24	<.05
BEM2891P	46 36 37	113 25 56	<.05
BEM2897P	46 37 44	113 25 27	.31
BEM2988P	46 42 24	113 22 22	<.05
BEM2995P	46 41 45	113 29 34	<.05
BEM4885P	46 43 16	113 19 48	<.05
BEM4890P	46 42 24	113 20 47	.30
BEM4892P	46 42 20	113 21 39	<.05
BEM4894P	46 42 59	113 22 55	<.05
BEM4896P	46 42 59	113 22 55	<.05
BEM4898P	46 42 56	113 23 3	<.05
BEM4978P	46 43 45	113 27 43	<.05
BEM5803P	46 41 12	113 26 30	<.05
BEM5819P	46 32 7	113 23 52	<.05
BEM5821P	46 32 35	113 22 42	<.05
BEM5902P	46 42 18	113 28 37	<.05
BEM5908P	46 38 24	113 29 59	<.05
BEM5910P	46 39 5	113 29 14	<.05
BEM5917P	46 41 7	113 26 38	<.05
BEM5940P	46 32 29	113 25 37	.05
BEM5942P	46 32 29	113 25 37	<.05
BEM5944P	46 32 24	113 25 40	<.05
BEM5946P	46 32 41	113 24 52	<.05
BEM5952P	46 31 16	113 21 6	<.05
BEM5954P	46 30 26	113 22 51	<.05
BEM5956P	46 31 40	113 20 55	<.05
BEM5959P	46 33 45	113 22 50	<.05
BEM5961P	46 34 58	113 25 53	<.05
BEM5964P	46 34 40	113 23 46	<.05
BEM7899P	46 33 16	113 29 6	.08
BEM7997P	46 31 44	113 21 8	<.05
BEM7997P	46 31 44	113 21 8	<.05
BEM7998P	46 31 14	113 21 11	<.05
BEM8801P	46 33 43	113 28 35	<.05
BEM8803P	46 33 50	113 28 48	<.05

TABLE 1.--Gold: Butte 1° x 2° quadrangle, Montana
--continued

Sample	Latitude	Longitude	Au ppm (.05)
BEM8805P	46° 34' 17"	113° 28' 12"	<.05
BEM8807P	46 34 15	113 27 30	<.05
BEM8898P	46 34 55	113 27 50	.63
BEM8900P	46 35 35	113 25 55	3.33
BEM8901P	46 35 1	113 24 13	.35
BK1126P	46 29 54	113 22 48	<.05
BK1128P	46 29 53	113 22 42	.28
BK1132P	46 26 15	113 24 18	<.05
BK1134P	46 26 28	113 23 47	<.05
BK1136P	46 26 47	113 23 31	<.05
BK1138P	46 27 10	113 23 44	<.05
BK1140P	46 27 28	113 23 20	1.00
BK1142P	46 29 4	113 22 59	1.00
BK1144P	46 29 8	113 23 18	<.05
BK1146P	46 29 34	113 24 57	<.05
BK2751P	46 26 58	113 29 55	<.05
BK3204P	46 27 48	113 29 7	.40
BK3206P	46 29 14	113 29 32	<.05
BK3208P	46 29 46	113 29 34	<.05
BK3210P	46 27 0	113 29 3	.20
BK3212P	46 26 22	113 29 23	.10
BK3214P	46 25 21	113 29 46	<.05
BK3217P	46 24 2	113 28 8	<.05
BK3219P	46 24 3	113 28 6	.05
BK3221P	46 24 18	113 28 20	<.05
BK3229P	46 23 13	113 29 25	.20
BK3231P	46 22 46	113 29 35	2.40
BK37250	46 29 34	113 24 41	<.05
BK37280	46 29 36	113 24 25	.05
BK4202P	46 29 6	113 24 50	<.05
BK5241P	46 23 4	113 24 49	<.05
BK5243P	46 23 12	113 24 51	<.05
BK5245P	46 24 9	113 23 37	<.05
BK5247P	46 24 15	113 23 4	<.05
BLP0003P	46 58 36	113 50 12	<.05
BLP0005P	46 58 42	113 50 14	<.05
BLP0205P	46 59 22	113 47 3	.08
BLP0207P	46 59 23	113 47 8	<.05
BLP0209P	46 59 19	113 47 12	<.05
BLP0211P	46 58 47	113 47 58	<.05
BLP0213P	46 58 31	113 48 22	<.05
BLP0215P	46 58 27	113 48 35	<.05
BLP0217P	46 58 31	113 48 44	<.05
BLP0219P	46 58 24	113 48 57	<.05
BLP0221P	46 58 24	113 49 19	<.05
BLP0563P	46 53 16	113 50 37	.54
BLP0564P	46 53 19	113 50 27	<.05
BLP0566P	46 53 30	113 49 49	<.05
BLP0568P	46 54 1	113 47 48	<.05
BLP0570P	46 54 19	113 45 4	<.05

TABLE 1.--Gold: Butte 1° x 2° quadrangle, Montana
--continued

Sample	Latitude	Longitude	Au ppm (.05)
BLP0578P	46° 52' 36"	113° 52' 10"	<.05
BLP1488P	46 55 52	113 45 17	<.05
BLP1490P	46 55 54	113 45 15	<.05
BLP1492P	46 56 26	113 45 55	<.05
BLP1494P	46 56 29	113 46 32	<.05
BLP1496P	46 56 29	113 46 34	<.05
BLP1498P	46 57 28	113 45 23	<.05
BLP1863P	46 58 35	113 50 6	<.05
BLP1865P	46 58 52	113 50 8	<.05
BLP1941P	46 58 2	113 51 53	<.05
BLP1943P	46 57 59	113 51 48	.05
BLP1946P	46 58 7	113 52 0	<.05
BLP1949P	46 55 39	113 50 39	<.05
BLP1951P	46 55 37	113 50 38	<.05
BLP2809P	46 53 5	113 47 57	<.05
BLP2811P	46 53 5	113 48 5	<.05
BLP2813P	46 53 15	113 46 52	<.05
BLP2815P	46 53 44	113 46 12	<.05
BON1480P	46 48 34	113 46 2	<.05
BON1482P	46 49 59	113 46 19	<.05
BON1484P	46 50 4	113 46 10	<.05
BON1486P	46 49 40	113 46 1	<.05
BON1530P	46 49 19	113 47 57	<.05
BON1532P	46 49 41	113 48 29	<.05
BON1534P	46 50 13	113 48 39	<.05
BON1536P	46 50 33	113 49 19	<.05
BON1540P	46 50 29	113 51 26	<.05
BON1543P	46 49 52	113 50 26	<.05
BON1547P	46 48 6	113 47 41	<.05
BON1551P	46 48 35	113 51 19	<.05
BON1553P	46 48 38	113 51 20	<.05
BON1557P	46 47 2	113 50 15	<.05
BON1559P	46 46 48	113 49 34	<.05
BON1562P	46 45 49	113 49 2	<.05
BON1564P	46 46 27	113 46 43	<.05
BRF1349P	46 18 26	113 49 55	.27
BRF1351P	46 18 38	113 51 15	<.05
BRF1353P	46 19 27	113 51 4	.45
BRF2287P	46 17 43	113 48 20	.74
BRF2289P	46 18 29	113 48 8	<.05
BRF2291P	46 19 17	113 48 20	.07
BRF2293P	46 19 15	113 48 22	.85
BRF2297P	46 20 58	113 49 30	<.05
BRF2300P	46 22 25	113 50 10	<.05
BRF2686P	46 15 47	113 50 50	.15
BRF2688P	46 15 45	113 50 52	<.05
BRF2690P	46 15 49	113 50 13	.11
BRF2692P	46 15 29	113 49 34	.88
BRF2694P	46 15 16	113 47 16	<.05
BRF2696P	46 16 22	113 48 35	.06

TABLE 1.--Gold: Butte 1° x 2° quadrangle, Montana
--continued

Sample	Latitude	Longitude	Au ppm (.05)
BRF2699P	46° 15' 50"	113° 46' 12"	.08
BRF4234P	46 17 48	113 45 53	.08
BRF4236P	46 16 49	113 45 1	.07
BRF4268P	46 21 9	113 45 48	<.05
BRF4270P	46 19 55	113 45 36	.05
BRF4272P	46 18 57	113 45 31	.08
BRF4276P	46 20 13	113 50 50	<.05
BRF4278P	46 21 30	113 49 56	<.05
BRF4280P	46 21 39	113 51 57	<.05
BRF4290P	46 16 52	113 52 1	<.05
BR03001P	46 53 27	113 6 48	<.05
BR03003P	46 53 25	113 6 56	.35
BR06444P	46 54 28	113 3 5	.80
BR07331P	46 59 17	113 0 32	.50
BR07333P	46 59 21	113 0 23	<.05
BR07334P	46 59 21	113 2 52	<.05
BR07336P	46 58 2	113 2 19	<.05
BR07338P	46 59 42	113 3 40	<.05
BR07340P	47 0 0	113 2 5	<.05
BR08830P	46 59 9	113 6 4	<.05
BR08832P	46 58 45	113 5 56	<.05
BR08834P	46 58 43	113 5 24	<.05
BR08840P	46 56 20	113 7 28	<.05
BR08842P	46 55 40	113 6 48	.09
BR08844P	46 55 41	113 6 37	<.05
BR08847P	46 53 29	113 5 54	<.05
BR08849P	46 54 5	113 6 39	<.05
BR08851P	46 53 26	113 6 52	<.05
BR08853P	46 52 51	113 7 15	<.05
BR08856P	46 52 40	113 2 43	<.05
BUN4773P	46 6 29	112 33 45	.15
BUN4775P	46 6 30	112 33 50	.10
BUN4779P	46 5 18	112 35 3	<.05
BUN4780P	46 5 39	112 35 50	<.05
BUN4782P	46 3 27	112 37 8	<.05
BUN4784P	46 4 42	112 37 12	<.05
BUN4787P	46 6 17	112 40 13	<.05
BUN4792P	46 6 11	112 37 15	<.05
BUN4794P	46 7 29	112 43 24	<.05
BUN4796P	46 7 35	112 43 20	<.05
BUN4798P	46 7 52	112 43 31	<.05
BUN5421P	46 14 0	112 33 25	.35
BUN5613P	46 3 42	112 44 4	.09
BUN5615P	46 3 52	112 44 43	<.05
BUN5619P	46 5 14	112 41 52	<.05
BUN5621P	46 5 14	112 41 45	<.05
BUN5623P	46 5 14	112 41 45	<.05
BUN5625P	46 4 52	112 41 51	<.05
BUN5700P	46 8 16	112 43 37	<.05
BUN5702P	46 9 3	112 44 56	<.05

TABLE 1.--Gold: Butte 1° x 2° quadrangle, Montana
--continued

Sample	Latitude	Longitude	Au ppm (.05)
BUN5702P	46° 9' 3"	112° 44' 56"	<.05
BUN5708P	46 9 41	112 40 30	.60
BUN5710P	46 10 25	112 40 38	<.05
BUN5712P	46 12 0	112 42 40	.05
BUN5753P	46 14 16	112 33 28	2.14
BUN57550	46 14 33	112 32 30	<.05
BUN57560	46 14 36	112 32 25	31.30
BUN57570	46 14 36	112 32 25	19.30
BUN5762P	46 14 52	112 32 13	<.05
BUN5764P	46 13 52	112 31 57	<.05
BUN5766P	46 13 20	112 31 58	<.05
BUN5768P	46 12 59	112 32 23	<.05
BUN5770P	46 11 50	112 32 35	<.05
BUN5772P	46 11 14	112 32 33	<.05
BUN5774P	46 11 16	112 33 1	<.05
BUN5776P	46 12 23	112 32 52	<.05
BUN5778P	46 13 16	112 32 49	<.05
BUN6896P	46 2 41	112 38 50	<.05
BUN6898P	46 2 44	112 39 2	<.05
BUN7800P	46 3 46	112 39 40	<.05
BUN7804P	46 3 10	112 41 46	<.05
BUN7806P	46 3 10	112 41 49	<.05
BUN7808P	46 2 42	112 41 9	<.05
BUN7810P	46 1 51	112 41 47	<.05
BUN7812P	46 1 27	112 43 19	<.05
BUN7814P	46 1 45	112 43 35	<.05
BUN7816P	46 2 57	112 44 45	148.00
BUN8927P	46 13 56	112 39 56	2.23
BUN8929P	46 13 22	112 41 32	<.05
BUN8931P	46 13 1	112 36 42	.06
BUN8934P	46 12 14	112 38 45	<.05
BUN8936P	46 12 16	112 38 17	23.60
BUN8938P	46 11 21	112 36 20	<.05
BUN8940P	46 11 26	112 36 22	1.00
BUN8942P	46 11 37	112 37 38	<.05
BUN8947P	46 8 7	112 32 35	<.05
BUN8949P	46 8 41	112 32 2	<.05
BUN8951P	46 9 38	112 32 23	<.05
BUN8953P	46 9 34	112 32 50	.47
BUN8955P	46 9 34	112 32 50	<.05
BUN8957P	46 9 17	112 33 33	<.05
BUN8959P	46 9 22	112 33 59	<.05
CAD7258P	47 0 25	112 23 10	<.05
CAD72600	47 0 16	112 23 30	.95
CAD72600	47 0 16	112 23 30	.10
CAN10150	46 45 15	112 20 55	.25
CAN8240P	46 50 30	112 18 50	7.75
CAN3242P	46 50 45	112 19 3	<.05
CAN8249P	46 49 8	112 18 45	3.69
CAN8254P	46 47 31	112 20 39	19.49

TABLE 1.--Gold: Butte 1° x 2° quadrangle, Montana
--continued

Sample	Latitude	Longitude	Au ppm (.05)
CAN8284P	46° 48 ' 3 "	112° 16 ' 30 "	<.05
CAN8285P	46 48 28	112 18 42	2.35
CAN8288P	46 49 8	112 16 38	14.56
CAN9614P	46 48 3	112 16 23	.08
CGL1357P	46 22 59	113 54 47	.31
CGL1361P	46 23 18	113 54 19	<.05
CGL1363P	46 23 18	113 54 19	.57
CGL1364P	46 29 35	113 59 22	.37
CGL1366P	46 27 23	113 59 58	<.05
CGL1681P	46 26 40	113 57 45	.06
CGL1683P	46 25 57	113 57 58	<.05
CGL1685P	46 26 29	113 59 9	<.05
CGL1687P	46 24 25	113 57 48	<.05
CGL1689P	46 24 13	113 59 32	<.05
CGL1693P	46 29 51	113 58 39	<.05
CGL1695P	46 28 47	113 57 21	.82
CGL1697P	46 27 19	113 56 10	<.05
CGL1699P	46 29 38	113 56 29	.05
CGL1701P	46 28 18	113 56 40	<.05
CGL1703P	46 28 2	113 53 54	<.05
CGL1705P	46 26 23	113 54 54	<.05
CGL1707P	46 25 26	113 55 17	<.05
CGL1709P	46 25 25	113 55 13	<.05
CGL1711P	46 24 32	113 54 9	<.05
CGL1713P	46 23 46	113 54 12	<.05
CGL1715P	46 23 34	113 53 17	<.05
CGL1719P	46 24 34	113 59 10	<.05
CGL1737P	46 28 19	113 56 47	<.05
CGL1739P	46 27 48	113 56 4	<.05
CGL1741P	46 29 21	113 53 40	<.05
CGL1745P	46 26 55	113 53 55	<.05
CGL1747P	46 27 22	113 55 25	.33
CGL1749P	46 29 49	113 59 48	<.05
CGL1751P	46 23 15	113 52 34	<.05
CGL1753P	46 23 16	113 52 31	<.05
CGL1755P	46 23 46	113 54 8	<.05
CGL1757P	46 25 27	113 54 31	<.05
CGL1759P	46 25 24	113 54 33	1.55
CGL1761P	46 26 54	113 54 36	.10
CGL1763P	46 27 45	113 52 35	<.05
CGL1765P	46 28 22	113 53 18	<.05
CGL1767P	46 27 19	113 54 52	<.05
CGL5823P	46 23 21	113 52 33	<.05
CHA2094P	46 52 32	113 9 48	<.05
CHA2097P	46 52 49	113 9 27	52.55
CHA20980	46 52 48	113 9 26	.05
CHA2099P	46 53 13	113 9 33	.25
CHA3006P	46 54 39	113 9 21	.20
CHA3008P	46 54 12	113 10 31	2.80
CHA3013P	46 55 42	113 8 19	.10

TABLE 1.--Gold: Butte 1° x 2° quadrangle, Montana
--continued

Sample	Latitude	Longitude	Au ppm (.05)
CHA3018P	46° 56' 3"	113° 8' 15"	.20
CHA3022P	46 59 50	113 12 12	.10
CHA3023P	46 57 15	113 12 52	<.05
CHA3026P	46 59 45	113 13 50	<.05
CHA3028P	46 59 8	113 14 25	<.05
CHA3031P	46 59 5	113 15 5	<.05
CHA6434P	46 52 46	113 11 10	<.05
CHA8313P	46 53 56	113 11 53	.91
CHL5584P	46 46 27	113 4 11	<.05
CHL5586P	46 46 32	113 5 10	<.05
CHL5588P	46 46 36	113 5 18	.05
CHL5591P	46 48 18	113 6 51	<.05
CHL5597P	46 48 33	113 4 48	<.05
CHL7950P	46 48 26	113 3 38	<.05
CHL7952P	46 48 48	113 5 49	<.05
CHL7981P	46 49 42	113 4 47	<.05
CHL7985P	46 50 45	113 5 0	<.05
CHL7988P	46 51 3	113 6 52	<.05
CHL7991P	46 51 47	113 4 17	<.05
CHL7995P	46 49 35	113 0 41	<.05
CHL8810P	46 49 4	113 2 27	<.05
CHL8812P	46 49 0	113 3 0	<.05
CHL8814P	46 48 18	113 2 28	<.05
CHL8820P	46 45 46	113 1 12	<.05
CHL8822P	46 46 15	113 1 55	<.05
CHL8824P	46 46 26	113 2 10	<.05
CL80004	47 1 59	113 32 9	<.05
CL80014	46 49 5	113 32 12	.70
CL80025A	46 55 41	113 32 11	<.05
CL80025B	46 55 41	113 22 11	<.05
CL80027A	46 48 29	113 32 12	<.05
CL80027B	46 48 29	113 32 12	<.05
CL80027C	46 48 29	113 32 12	<.05
CL80033	46 55 5	113 32 11	<.05
CL80042	46 45 12	113 32 13	<.05
CL80043	46 45 47	113 32 12	<.05
CL80045	47 3 46	113 32 9	<.05
CL80048A	47 3 29	113 32 9	.28
CL80048B	47 3 29	113 32 9	<.05
CL80071	46 49 22	113 32 12	<.05
CL80072	47 2 17	113 32 9	2.20
CL80073	47 3 29	113 32 9	.40
CLE0058P	46 36 37	113 46 42	.43
CLE0059P	46 36 31	113 46 50	.40
CLE0061P	46 36 19	113 47 0	10.40
CLE1476P	46 44 30	113 54 59	<.05
CLE1567P	46 34 47	113 45 10	.06
CLE1885P	46 39 37	113 47 37	<.05
CLE1887P	46 39 44	113 47 37	<.05
CLE1930P	46 30 50	113 45 2	<.05

TABLE 1.--Gold: Sutte 1° x 2° quadrangle, Montana
--continued

Sample	Latitude	Longitude	Au ppm (.05)
CLE2802P	46° 34' 54"	113° 48' 4"	<.05
CLE2804M	46 35 49	113 48 30	.41
CLE2835P	46 32 4	113 53 24	<.05
CLE2837P	46 31 10	113 52 23	<.05
CLE2839P	46 30 22	113 51 24	<.05
CLE2841P	46 30 55	113 50 27	<.05
CLE2849P	46 32 39	113 55 27	<.05
CLE2851P	46 32 39	113 55 27	<.05
CLE2852P	46 32 40	113 48 58	<.05
CLE2854P	46 32 35	113 49 4	<.05
CLE2867P	46 36 25	113 55 47	<.05
CLE2869P	46 37 6	113 55 9	2.26
CLE2873P	46 37 12	113 53 33	<.05
CLE2876P	46 36 1	113 50 34	<.05
CLE2878P	46 36 7	113 50 24	<.05
CLE2880P	46 37 6	113 55 9	<.05
CLE2882P	46 38 48	113 57 51	.83
CLE2965P	46 42 32	113 46 17	<.05
CLE2969P	46 41 51	113 47 10	<.05
CLE2971P	46 41 58	113 48 2	<.05
CLE2973P	46 42 7	113 48 36	<.05
CLE2977P	46 44 28	113 47 34	<.05
CLE3011P	46 36 25	113 50 50	1.30
CLE3012P	46 36 45	113 53 0	3.60
CLE3831P	46 39 8	113 56 38	<.05
CLE3833P	46 39 9	113 56 2	<.05
CLE3839P	46 40 4	113 51 52	<.05
CLE3841P	46 40 10	113 52 1	<.05
CLE3843P	46 38 7	113 50 52	<.05
CLE3845P	46 38 1	113 50 55	.07
CLE3850P	46 38 48	113 58 5	.17
CLE3852P	46 35 22	113 56 1	<.05
CLE38580	46 41 8	113 59 15	.06
CLE3859M	46 41 8	113 59 15	<.05
CLE3860P	46 34 49	113 51 54	<.05
CLE3864P	46 41 7	113 58 7	.58
CLE3866P	46 41 7	113 58 7	.39
CLE3868P	46 40 54	113 57 56	.16
CLE38710	46 41 15	113 59 37	.13
CLE3872P	46 43 50	113 59 28	<.05
CLE3878P	46 42 58	113 52 6	<.05
CLE3881P	46 41 54	113 53 51	<.05
CLE3883P	46 42 19	113 54 51	<.05
CLE3886P	46 44 9	113 52 29	<.05
CLE3890P	46 43 23	113 55 29	<.05
CLE3892P	46 43 13	113 54 12	<.05
CLE3894P	46 43 14	113 54 20	<.05
CLE3896P	46 44 19	113 55 54	<.05
CLE38980	46 44 45	113 54 0	<.05
CL13929P	46 47 28	113 40 8	<.05

TABLE 1.--Gold: Butte 1° x 2° quadrangle, Montana
--continued

Sample	Latitude	Longitude	Au ppm (.05)
CLI3936P	46° 46' 39"	113° 39' 13"	<.05
CLI3946P	46 48 49	113 37 42	.16
CLI3953P	46 47 16	113 42 57	<.05
CLI3955P	46 48 16	113 43 0	<.05
CLI3957P	46 48 14	113 43 13	<.05
CLI3961P	46 49 49	113 42 56	<.05
CLI3963P	46 49 50	113 43 0	<.05
CLI3966P	46 50 49	113 40 58	<.05
CLI3968P	46 51 40	113 42 9	<.05
CLI4911P	46 50 37	113 37 58	<.05
CLI4913P	46 50 40	113 37 34	<.05
CLI4918P	46 51 18	113 38 21	<.05
COG1007P	46 19 10	113 34 50	.80
COG2776P	46 17 21	113 35 27	1.78
COG2778P	46 17 21	113 35 27	3.28
COG2779P	46 17 33	113 35 41	4.78
COG3259P	46 17 6	113 35 15	<.05
COG3261P	46 17 21	113 35 27	<.05
COG3264P	46 17 33	113 35 41	.05
COG3266P	46 17 38	113 35 39	3.50
COG3268P	46 18 31	113 34 12	.07
COG3270P	46 19 4	113 33 53	.09
COG3276P	46 18 19	113 35 57	7.10
COG3278P	46 19 9	113 34 37	<.05
COG3279P	46 19 14	113 34 27	6.36
COG3280P	46 22 9	113 30 16	.06
COG3282P	46 21 48	113 30 9	.06
COG3284P	46 21 8	113 30 55	<.05
COG3286P	46 19 12	113 35 1	.06
COG3288P	46 19 10	113 36 0	.59
COG3291P	46 20 18	113 35 48	<.05
COG3303P	46 20 59	113 35 57	<.05
COG3305P	46 19 51	113 34 44	<.05
COG3307P	46 20 23	113 35 8	<.05
COG3309P	46 20 54	113 36 18	<.05
COG3310P	46 20 56	113 36 21	<.05
COG3319P	46 19 55	113 32 12	<.05
COG3324P	46 21 0	113 32 54	.05
COG3326P	46 19 25	113 31 11	<.05
COG3328P	46 19 33	113 32 23	<.05
COG3330P	46 18 14	113 32 10	<.05
COG3332P	46 17 43	113 33 9	<.05
COG3334P	46 17 34	113 32 53	<.05
COG3336P	46 16 56	113 31 37	<.05
COG3338P	46 16 50	113 31 31	<.05
COG3340P	46 16 49	113 31 33	<.05
COG3342P	46 15 28	113 31 28	<.05
COG3363P	46 20 38	113 30 38	<.05
COG3365P	46 20 44	113 30 32	<.05
COG3381R	46 17 6	113 30 7	1.10

TABLE 1.--Gold: Butte 1° x 2° quadrangle, Montana
--continued

Sample	Latitude	Longitude	Au ppm (.05)
COG3383R	46° 17' 8"	113° 30' 6"	.42
COG3384P	46 17 8	113 30 4	.96
COG3394P	46 15 25	113 36 54	<.05
COG3396P	46 15 19	113 37 5	<.05
COG3397P	46 15 19	113 37 5	<.05
COG4216P	46 21 21	113 34 14	<.05
COG4218P	46 20 0	113 36 31	<.05
COG4220P	46 19 4	113 36 36	.18
COG5339R	46 18 7	113 30 2	2.00
COG5340R	46 18 7	113 30 2	1.20
COG5342P	46 18 10	113 30 7	<.05
COG5344P	46 15 12	113 30 33	<.05
CON4683P	46 23 55	112 45 54	.08
CON4685P	46 23 38	112 51 51	<.05
CON4687P	46 24 16	112 47 37	<.05
CON4689P	46 24 52	112 51 12	.35
CON4691P	46 25 4	112 50 59	<.05
CON4693P	46 24 51	112 45 11	<.05
CON4695P	46 25 37	112 46 22	<.05
CON4697P	46 25 18	112 47 54	.05
CON4699P	46 26 4	112 46 31	.18
CON4757P	46 26 4	112 50 12	<.05
CON5601P	46 27 1	112 46 59	.07
CON5603P	46 27 48	112 47 45	<.05
CON5605P	46 28 11	112 49 23	<.05
CON5607P	46 28 11	112 49 23	<.05
CON5609P	46 28 17	112 49 15	.17
CON5611P	46 28 44	112 46 9	<.05
CON6980P	46 29 34	112 51 17	<.05
CON6982P	46 29 3	112 51 58	.51
CON6984P	46 29 12	112 49 44	<.05
CRP01480	46 2 1	113 26 53	1.30
CRP2528P	46 0 5	113 25 37	<.05
CRP2531P	46 0 5	113 25 28	<.05
CRP2534P	46 0 9	113 25 39	<.05
CRP2537P	46 1 13	113 25 11	<.05
CRP2540P	46 1 14	113 25 9	<.05
CRP2543P	46 1 22	113 25 24	<.05
CRP2546P	46 1 59	113 27 0	<.05
CRP2551P	46 2 1	113 28 48	<.05
CRP5360P	46 6 36	113 23 23	.53
CRP5362P	46 6 38	113 23 21	.63
CRP5363P	46 6 32	113 26 59	<.05
CRP5365P	46 7 20	113 25 7	<.05
CRP53670	46 2 19	113 25 56	.10
CRP5370P	46 3 26	113 26 6	<.05
CRP5372P	46 3 32	113 26 47	<.05
CRP5374P	46 4 18	113 27 7	<.05
CRP5376P	46 3 53	113 25 8	<.05
CRP53780	46 4 0	113 24 57	2.00

TABLE 1.--Gold: Butte 1° x 2° quadrangle, Montana
--continued

Sample	Latitude	Longitude	Au ppm (.05)
CRP53810	46° 4' 0"	113° 24' 57"	2.30
CRP5382P	46 5 14	113 26 12	<.05
CRP5384P	46 6 6	113 26 3	<.05
CRP6343P	46 0 44	113 28 21	<.05
CRP6345P	46 0 48	113 28 24	<.05
CRP6347P	46 0 56	113 28 24	<.05
DEV6360P	46 0 20	112 2 0	<.05
DRL20430	46 23 18	112 34 15	23.40
DRL20440	46 23 18	112 34 15	10.30
DRL2046R	46 23 18	112 34 15	.05
DRL2047R	46 23 18	112 34 15	.05
DRL20500	46 22 38	112 34 50	34.70
DRL20510	46 22 50	112 34 15	23.50
DRL2053R	46 22 38	112 34 50	1.20
DRL3561P	46 27 31	112 33 27	<.05
DRL3563P	46 27 31	112 33 36	<.05
DRL3565P	46 27 25	112 34 44	<.05
DRL3569P	46 26 30	112 37 26	<.05
DRL3576P	46 27 47	112 38 51	<.05
DRL3578P	46 27 43	112 38 49	<.05
DRL3580P	46 26 58	112 41 10	<.05
DRL3582P	46 26 33	112 30 52	<.05
DRL3584P	46 27 55	112 31 12	<.05
DRL3586P	46 28 23	112 32 50	<.05
DRL4759P	46 22 0	112 42 52	<.05
DRL4761P	46 21 20	112 43 20	.13
DRL4763P	46 20 45	112 43 42	<.05
DRL4765P	46 20 14	112 43 45	.06
DRL4767P	46 19 30	112 43 43	.09
DRL4769P	46 18 10	112 40 58	.07
DRL4771P	46 16 40	112 40 25	17.40
DRL5415P	46 16 35	112 31 20	.55
DRL5417P	46 15 10	112 31 45	.23
DRL5419P	46 15 10	112 31 45	<.05
DRL5437P	46 23 44	112 31 32	<.05
DRL5439P	46 23 40	112 31 30	<.05
DRL5441P	46 23 10	112 31 15	<.05
DRL5443P	46 21 15	112 38 35	<.05
DRL5445P	46 17 5	112 36 33	<.05
DRL5447P	46 17 0	112 36 33	.10
DRL5449P	46 16 15	112 35 50	8.10
DRL5451P	46 16 43	112 38 0	.05
DRL5780P	46 29 38	112 42 56	<.05
DRL5782P	46 29 38	112 42 56	<.05
DRL5784P	46 29 37	112 42 48	<.05
DRL5786P	46 29 1	112 42 7	<.05
DRL5788P	46 29 44	112 39 30	<.05
DRL5793P	46 28 11	112 40 14	<.05
DRL5795P	46 26 36	112 39 49	<.05
DRL5797P	46 28 16	112 42 27	<.05

TABLE 1.--Gold: Butte 1⁸ x 2⁰ quadrangle, Montana
--continued

Sample	Latitude	Longitude	Au ppm (.05)
DRL6543P	46° 17' 45"	112° 33' 40"	<.05
DRL6561P	46 19 2	112 39 32	.13
DRL6563P	46 18 55	112 39 32	1.07
DRL8867P	46 22 33	112 33 22	<.05
DRL8869P	46 22 10	112 35 35	1.63
DRL8873P	46 21 12	112 31 26	<.05
DRL8875P	46 20 15	112 33 27	<.05
DRL8877P	46 20 14	112 33 46	<.05
DRL8879P	46 22 1	112 36 25	<.05
DRL8881P	46 25 54	112 35 12	<.05
DRL8883P	46 25 46	112 36 41	<.05
DRL8885P	46 25 3	112 38 24	<.05
DRL8887P	46 26 8	112 38 20	<.05
DRL8891P	46 24 7	112 37 51	<.05
DRL8893P	46 24 15	112 34 18	<.05
DRL8895P	46 24 1	112 34 55	<.05
DRL8961P	46 23 50	112 32 13	<.05
DRL8963P	46 23 38	112 31 46	<.05
DRL8965P	46 23 42	112 31 41	<.05
DRL98060	46 22 38	112 34 49	4.35
DRL98070	46 22 38	112 34 49	3.20
DRL98080	46 22 38	112 34 49	.25
DRU1581P	46 31 28	113 11 26	<.05
DRU1583P	46 30 44	113 10 40	2.00
DRU1589P	46 32 29	113 14 5	<.05
DRU1591P	46 31 27	113 12 43	30.35
DRU1593P	46 32 57	113 12 29	15.70
DRU1594P	46 34 8	113 11 28	10.90
DRU1596P	46 36 45	113 4 32	<.05
DRU1598P	46 36 19	113 2 49	<.05
DRU2400P	46 36 31	113 4 23	.51
DRU2402P	46 36 0	113 3 22	.42
DRU2425P	46 36 29	113 8 32	.85
DRU2427P	46 35 38	113 6 48	2.00
DRU2433P	46 34 46	113 8 55	<.05
DRU2436P	46 35 9	113 8 44	.40
DRU2438P	46 33 17	113 7 49	<.05
DRU2440P	46 33 6	113 7 50	<.05
DRU2447P	46 31 38	113 7 29	<.05
DRU2453P	46 30 4	113 6 0	<.05
DRU2459P	46 31 7	113 4 50	<.05
DRU2462P	46 31 53	113 4 41	<.05
DRU2469P	46 33 28	113 13 41	<.05
DRU2471P	46 34 39	113 0 45	<.05
DRU2473P	46 34 38	113 0 39	<.05
DRU2475P	46 34 32	113 2 17	<.05
DRU3434P	46 43 42	113 13 51	<.05
DRU3436P	46 43 47	113 13 42	<.05
DRU3439P	46 41 50	113 11 24	<.05
DRU3441P	46 40 54	113 10 20	<.05

TABLE 1.--Gold: Butte 1° x 2° quadrangle, Montana
--continued

Sample	Latitude	Longitude	Au ppm (.05)
DRU3444P	46° 41' 21"	113° 9' 9"	<.05
DRU3446P	46 41 20	113 9 4	<.05
DRU3447P	46 42 56	113 12 25	<.05
DRU3449P	46 41 53	113 7 19	<.05
DRU3487P	46 31 15	113 1 0	<.05
DRU3489P	46 30 45	113 0 7	<.05
DRU3521P	46 40 4	113 7 59	<.05
DRU5594P	46 44 50	113 6 2	<.05
DRU7821P	46 39 7	113 3 7	<.05
DRU7823P	46 38 42	113 2 50	<.05
DRU7825P	46 40 15	113 2 24	<.05
DRU7827P	46 42 59	113 2 41	<.05
DRU7829P	46 43 10	113 2 49	<.05
DRU7831P	46 42 43	113 3 54	<.05
DRU7835P	46 42 48	113 0 5	<.05
DRU7836P	46 37 21	113 2 0	<.05
DRU7837P	46 39 44	113 1 50	.56
DRU7839P	46 37 17	113 1 19	2.05
DRU7841P	46 36 20	113 0 14	<.05
DRU7843P	46 37 18	113 3 28	<.05
DRU7845P	46 37 41	113 4 32	<.05
DRU7847P	46 37 58	113 5 4	.14
DRU7936P	46 44 31	113 5 30	<.05
DRU7938P	46 43 24	113 5 23	<.05
DRU7940P	46 41 4	113 5 41	<.05
DRU7942P	46 40 51	113 5 34	<.05
DRU7944P	46 40 25	113 5 41	<.05
DRU7946P	46 38 43	113 6 2	<.05
E0001A	46 50 30	113 22 55	7.80
E0001C	46 50 30	113 22 55	.35
E0002A	46 50 45	113 23 0	33.00
E0004A	46 50 25	113 23 30	<.05
E0004B	46 50 25	113 23 30	<.05
E0005A	46 50 25	113 23 40	<.05
E0007A	46 50 20	113 23 55	.35
E0007B	46 50 20	113 23 55	<.05
E0010A	46 50 20	113 21 55	<.05
E0011A	46 50 0	113 19 45	<.05
E0012A	46 16 25	112 59 15	<.05
E0012C	46 16 25	112 59 15	<.05
E0013A	46 16 35	112 58 2	<.05
E0015A	46 16 50	112 59 22	<.05
E0017A	46 18 0	112 58 50	<.05
E0017B	46 18 0	112 58 50	<.05
E0017C	46 18 0	112 58 50	.08
E0017D	46 18 0	112 58 50	<.05
E0018A	46 18 24	112 58 58	<.05
E0018B	46 18 24	112 58 58	<.05
E0018C	46 18 24	112 58 58	<.05
E0018D	46 18 24	112 58 58	<.05

TABLE 1.--Gold: Butte 1° x 2° quadrangle, Montana
--continued

Sample	Latitude	Longitude	Au ppm (.05)
E0018E	46° 18' 24 "	112° 58' 58 "	<.05
E0019A	46 23 40	113 31 10	<.05
E0020A	46 10 45	112 3 10	<.05
E0020B	46 10 45	113 3 10	.48
E0021A	46 10 55	113 3 35	.05
E0021B	46 10 55	113 3 35	.30
E0021C	46 10 55	112 3 35	<.05
E0022A	46 10 15	113 7 0	<.05
E0023A	46 10 10	113 6 40	<.05
E0024A	46 10 10	113 6 30	<.05
E0025A	46 10 0	113 6 30	.07
E0025B	46 10 0	113 6 30	<.05
E0026A	46 12 20	113 5 55	.50
E0026B	46 12 20	112 5 55	<.05
E0026C	46 12 20	112 5 55	<.05
E0027A	46 12 3	113 5 58	<.05
E0028A	46 12 35	113 8 15	<.05
E0028B	46 12 35	113 8 15	.25
E0028C	46 12 35	113 8 15	.16
E0028D	46 12 35	113 8 15	<.05
E0029A	46 13 55	113 11 55	4.50
E0029B	46 13 55	113 11 55	4.50
E0029C	46 13 55	113 11 55	.15
E0030A	46 14 40	113 11 30	2.60
E0031A	46 24 15	112 30 35	<.05
E0031B	46 24 15	112 30 35	.10
E0031C	46 24 15	113 30 35	.06
E0031D	46 24 15	113 30 35	<.05
E0031E	46 24 15	113 30 35	.06
E0032A	46 24 30	113 30 50	<.05
E0033A	46 24 45	113 30 30	.12
E0033B	46 24 45	113 30 30	.60
E0033C	46 24 45	113 30 30	1.25
E0034A	46 25 10	113 30 15	<.05
E0035A	46 25 10	113 30 10	.60
E0035B	46 25 10	113 30 10	.10
E0036A	46 25 50	113 30 15	.20
E0037A	46 25 10	113 32 18	<.05
E0038A	46 20 48	113 4 17	.05
E0038B	46 20 48	113 4 17	.25
E0039A	46 21 55	113 5 8	.05
E0039B	46 21 55	113 5 8	<.05
E0040A	46 23 25	113 7 35	<.05
E0041A	46 23 25	113 7 20	.15
E0041B	46 23 25	113 7 20	.07
E0042A	46 24 40	113 5 45	14.00
E0042B	46 24 40	113 5 45	30.50
E0043A	46 19 8	112 55 10	<.05
E0045A	46 0 50	113 40 55	<.05
E0045B	46 0 50	113 40 55	<.05

TABLE 1.--Gold: Butte 1° x 2° quadrangle, Montana
--continued

Sample	Latitude	Longitude	Au ppm (.05)
E0046A	46° 0' 55 "	113° 40' 45 "	<.05
E0047A	46 1 50	113 40 50	.05
E0048A	46 0 30	113 40 35	.05
E0048B	46 0 30	113 40 35	.25
E0048C	46 0 30	113 40 35	<.05
E0049A	46 0 20	113 39 35	1.75
E0050A	46 0 20	113 39 45	1.10
E0051A	46 0 35	113 40 15	46.60
E0052A	46 2 55	113 31 30	.09
E0053A	46 3 5	113 32 10	39.00
E0054A	46 4 15	113 32 5	2.00
E0054B	46 4 15	113 32 5	<.05
E0055A	46 2 55	113 39 40	<.05
E0056A	46 3 40	113 39 40	<.05
E0057A	46 3 45	113 40 10	2.50
E0057B	46 3 45	113 40 10	.12
E0058A	46 3 25	113 40 25	.15
E0058B	46 3 25	113 40 25	<.05
E0059A	46 3 15	113 40 45	<.05
E0060A	46 1 45	113 41 10	<.05
E0060B	46 1 45	113 41 10	21.00
E0062A	46 0 55	113 41 55	<.05
E0072A	46 5 5	113 4 50	<.05
E0072B	46 5 5	113 4 50	<.05
E0073A	46 5 15	113 4 10	<.05
E0074A	46 4 40	113 3 15	<.05
E0075A	46 3 55	113 9 35	<.05
E0076A	46 3 30	113 10 0	<.05
E0079A	46 3 35	113 6 55	<.05
E0079B	46 3 35	113 6 55	<.05
E0080A	46 3 35	113 6 45	<.05
E0082A	46 3 30	113 6 15	<.05
E0083A	46 3 15	113 5 25	<.05
E0084A	46 3 10	113 4 50	<.05
E0085A	46 1 30	113 15 10	<.05
E0085B	46 1 30	113 15 10	<.05
E0086A	46 0 35	113 14 25	<.05
E0090A	46 0 45	113 23 25	<.05
E0090B	46 0 45	113 23 25	<.05
E0091A	46 0 15	113 21 40	<.05
E0092A	46 2 10	113 12 30	<.05
E0093A	46 4 20	113 14 40	<.05
E0094A	46 3 50	113 13 30	<.05
E0095A	46 16 20	113 10 55	5.70
E0095B	46 16 20	113 10 55	2.60
E0096A	46 16 35	113 10 25	3.30
E0097A	46 12 35	113 14 0	.10
E0097B	46 12 35	113 14 0	4.00
E0098A	46 12 45	113 14 15	3.20
E0098B	46 12 45	113 14 15	3.50

TABLE 1.--Gold: Butte 1° x 2° quadrangle, Montana
--continued

Sample	Latitude	Longitude	Au ppm (.05)
E0099A	46° 25' 20"	113° 3' 50"	<.05
E0099B	46 25 20	113 3 50	<.05
E0100A	46 23 45	113 31 5	<.05
E0100B	46 23 45	113 31 5	<.05
E0100C	46 23 45	113 31 5	<.05
E0100D	46 23 45	113 31 5	<.05
E0101A	46 24 35	113 30 55	.08
E0102A	46 24 35	113 31 5	<.05
E0103A	46 16 25	113 2 55	<.05
E0103B	46 16 25	113 2 55	<.05
E0104A	46 17 40	113 4 30	<.05
E0104B	46 17 40	113 4 30	<.05
E0105A	46 19 40	113 1 55	<.05
E0106A	46 19 5	112 59 55	<.05
E0106B	46 19 5	112 59 55	<.05
E0107A	46 21 15	112 59 25	<.05
E0108A	46 20 55	113 0 50	<.05
E0109A	46 22 0	113 1 20	<.05
E0110A	46 23 5	113 1 10	<.05
E0110B	46 23 5	113 1 10	<.05
E0111A	46 23 30	113 1 40	.07
E0112A	46 25 40	113 0 35	<.05
E0112B	46 25 40	113 0 35	54.00
E0113A	46 24 40	113 4 55	<.05
E0114A	46 24 0	113 4 5	<.05
E0115A	46 19 50	113 8 40	<.05
E0121A	46 17 30	113 14 45	<.05
E0122A	46 16 50	113 11 5	<.05
E0123A	46 17 35	113 7 35	.30
E0124A	46 16 10	113 11 50	3.10
E0124B	46 16 10	113 11 50	45.60
E0124C	46 16 10	113 11 50	130.00
E0125A	46 11 40	113 14 15	<.05
E0125B	46 11 40	113 14 15	4.70
E0126A	46 12 0	113 12 55	<.05
E0127A	46 0 20	113 34 30	<.05
E0128A	46 0 30	113 34 25	3.00
E0128B	46 0 30	113 34 25	12.30
E0128C	46 0 30	113 34 25	3.10
E0128D	46 0 30	113 34 25	13.00
E0128E	46 0 30	113 34 25	.15
E0133A	46 3 20	113 2 5	<.05
E0134A	46 2 35	113 10 40	<.05
E0135A	46 3 45	113 14 25	<.05
E0135B	46 3 45	113 14 25	<.05
E0135C	46 3 45	113 14 25	<.05
E0136A	46 0 15	113 19 20	<.05
E0137A	46 48 45	113 19 55	50.00
E0137B	46 48 45	113 19 55	3.00
E0138A	46 48 45	113 19 40	3.30

TABLE 1.--Gold: Butte 1° x 2° quadrangle, Montana
--continued

Sample	Latitude	Longitude	Au ppm (.05)
E0139A	46° 48' 55 "	113° 18' 0 "	5.70
E0140A	46 49 0	113 17 45	21.00
E0141A	46 48 55	113 16 10	.30
E0142A	46 49 0	113 16 15	<.05
E0142B	46 49 0	113 16 15	<.05
E0142C	46 49 0	113 16 15	<.05
E0143A	46 49 30	113 15 30	.45
E0144A	46 49 20	113 15 20	.14
E0145A	46 50 45	113 23 5	1.20
E0145B	46 50 45	113 23 5	.22
E0145C	46 50 45	113 23 5	.20
E0145D	46 50 45	113 23 5	46.00
E0146A	46 49 25	113 19 45	<.05
E0146B	46 49 25	113 19 45	35.00
E0148A	46 49 40	113 20 40	167.00
E0148B	46 49 40	113 20 40	26.00
E0148C	46 49 40	113 20 40	29.00
E0149A	46 48 30	113 27 10	<.05
E0149B	46 48 30	113 27 10	.57
E0149C	46 48 30	113 27 10	.35
E0150A	46 48 30	113 27 15	3.50
E0151A	46 48 20	113 27 15	1.10
E0152A	46 46 45	113 39 50	7.80
E0152B	46 46 45	113 39 50	3.30
E0152C	46 46 45	113 39 50	<.05
E0153A	46 47 20	113 39 15	.06
E0153B	46 47 20	113 39 15	1.00
E0153C	46 47 20	113 39 15	<.05
E0154A	46 48 35	113 18 55	.06
E0154B	46 48 35	113 18 55	.12
E0154C	46 48 35	113 18 55	<.05
E0154D	46 48 35	113 18 55	<.05
E0154E	46 48 35	113 18 55	.70
E0155A	46 49 35	113 19 35	<.05
E0155B	46 49 35	113 19 35	<.05
E0155C	46 49 35	113 19 35	.50
E0155D	46 49 35	113 19 35	.30
E0155E	46 49 35	113 19 35	<.05
E0156A	46 45 14	112 20 55	<.05
E0156B	46 45 14	112 20 55	.05
E0156C	46 45 14	112 20 55	1.00
E0156D	46 45 14	112 20 55	.18
E0156E	46 45 14	112 20 55	<.05
E0157A	46 45 19	112 21 11	<.05
E0158A	46 45 25	112 21 47	.35
E0159A	46 44 51	112 17 42	1.50
E0159B	46 44 51	112 17 42	8.00
E0159C	46 44 51	112 17 42	30.00
E0160A	46 44 23	113 18 28	<.05
E0161A	46 43 18	112 20 56	.08

TABLE 1.--Gold: Butte 1° x 2° quadrangle, Montana
--continued

Sample	Latitude	Longitude	Au ppm (.05)
E0161B	46° 43' 18"	112° 20' 56"	.45
E0161C	46 43 18	112 20 56	.25
E0162A	46 44 20	112 21 44	.35
E0163A	46 44 21	112 22 3	.15
E0164A	46 44 16	112 22 14	<.05
E0164B	46 44 16	112 22 14	<.05
E0165A	46 37 27	112 18 20	.06
E0165B	46 37 27	112 18 20	<.05
E0165C	46 37 27	112 18 20	2.25
E0165D	46 37 27	112 18 20	<.05
E0165E	46 37 27	112 18 20	.20
E0166A	46 28 29	112 14 44	<.05
E0166B	46 28 29	112 14 44	.15
E0166C	46 28 29	112 14 44	<.05
E0166D	46 28 29	112 14 44	.70
E0166E	46 28 29	112 14 44	.07
E0168A	46 29 55	112 14 50	<.05
E0168B	46 29 25	112 14 50	<.05
E0168C	46 29 25	112 14 50	1.10
E0172A	46 29 54	113 5 40	<.05
E0172B	46 29 54	113 5 40	<.05
E0172C	46 29 54	113 5 40	<.05
E0172D	46 29 54	113 5 40	<.05
E0172E	46 29 54	113 5 40	.05
E0173A	46 30 58	113 5 10	<.05
E0173B	46 30 58	113 5 10	<.05
E0174A	46 31 51	113 4 6	.24
E0174B	46 31 51	113 4 6	<.05
E0174C	46 31 51	113 4 6	.30
E0175A	46 32 15	113 3 2	.26
E0178A	46 25 20	113 16 43	<.05
E0178B	46 25 20	113 16 43	<.05
E0179A	46 25 30	113 16 33	.14
E0180A	46 25 32	113 16 38	<.05
E0181A	46 26 32	113 15 36	.40
E0183A	46 30 2	113 24 8	1.60
E0184A	46 29 35	113 24 41	<.05
E0184B	46 29 35	113 24 41	.15
E0184C	46 29 35	113 24 41	.15
E0186A	46 16 46	113 10 12	.30
E0186B	46 16 46	113 10 12	<.05
E0187A	46 12 35	113 0 11	<.05
E0188A	46 12 21	113 0 3	<.05
E0188B	46 12 21	113 0 3	<.05
E0189A	46 12 13	112 59 58	<.05
E0191A	46 12 7	112 59 40	<.05
E0192A	46 12 5	112 59 30	<.05
E0194A	46 12 3	112 59 13	<.05
E0195A	46 11 55	112 59 5	<.05
E0202A	46 10 55	113 0 53	<.05

TABLE 1.--Gold: Butte 1° x 2° quadrangle, Montana
--continued

Sample	Latitude	Longitude	Au ppm (.05)
E0202R	46° 10' 55 "	113° 0 '53"	<.05
E0203A	46 10 59	113 1 7	<.05
E0204A	46 11 10	113 0 23	<.05
E0204B	46 11 10	113 0 23	<.05
E0205A	46 10 55	112 59 50	<.05
E0205B	46 10 55	112 59 50	<.05
E0206A	46 11 23	113 0 13	.05
E0206B	46 11 23	113 0 13	<.05
E0207A	46 11 22	113 0 10	<.05
E0208A	46 11 30	112 59 45	<.05
E0209A	46 11 35	112 59 25	<.05
E0210A	46 11 55	112 58 35	<.05
E0210B	46 11 55	112 58 35	<.05
E1007A	46 4 14	112 42 55	.50
E1007B	46 4 14	112 42 55	.25
E1007C	46 4 14	112 42 55	.38
E1008A	46 5 0	112 42 30	<.05
E1009A	46 22 40	112 34 55	46.50
E1010A	46 22 47	112 34 10	78.00
E1011A	46 23 20	112 34 40	64.30
E1011B	46 23 20	112 34 40	1.20
E1011C	46 23 20	112 34 40	6.20
E1011D	46 23 20	112 34 40	22.10
E1013A	46 14 0	112 36 40	1.10
E1013B	46 14 0	112 36 40	135.00
E1013C	46 14 0	112 36 40	6.60
E1014A	46 16 30	112 27 0	.30
E1014B	46 16 30	112 27 0	2.40
E1015A	46 15 13	112 24 43	.40
E1015B	46 15 13	112 24 43	.40
E1016A	46 16 5	112 25 40	1.70
E1017A	46 6 40	112 10 28	1.80
E1017B	46 6 40	112 10 28	.30
E1018A	46 6 11	112 11 30	6.80
E1019A	46 6 8	112 11 40	3.15
E1020A	46 6 18	112 13 27	25.70
E1020B	46 6 18	112 13 27	4.35
E1021A	46 21 30	112 6 0	<.05
E1021B	46 21 30	112 6 0	<.05
E1022A	46 17 22	112 5 35	<.05
E1022B	46 17 22	112 5 35	6.80
E1023A	46 17 10	112 5 54	.40
E1023B	46 17 10	112 5 54	<.05
E1024A	46 17 10	112 6 5	5.00
E1024B	46 17 10	112 6 5	1.20
E1024C	46 17 10	112 6 5	.75
E1025A	46 12 0	112 26 42	1.65
E1193A	46 27 26	113 24 0	<.05
E1193B	46 27 26	113 24 0	<.05
E1194A	46 27 44	113 24 10	<.05

TABLE 1.--Gold: Butte 1° x 2° quadrangle, Montana
--continued

Sample	Latitude	Longitude	Au ppm (.05)
E1195A	46° 27' 43 "	113° 24' 48 "	<.05
E1196A	46 28 53	113 15 23	<.05
E1196B	46 28 53	112 15 23	<.05
E1197A	46 28 30	112 24 40	13.90
E1198A	46 28 38	112 24 30	9.30
E1198B	46 28 38	112 24 30	.20
E1199A	46 26 25	112 19 53	<.05
E1199B	46 26 25	112 19 53	.15
E1199C	46 26 25	112 19 53	10.20
E1200A	46 25 45	112 20 25	29.50
E1200B	46 25 45	112 20 25	<.05
E1201A	46 26 33	112 20 28	13.30
E1201B	46 26 33	112 20 28	2.15
E1202A	46 27 5	112 19 53	.10
E1202B	46 27 5	112 19 53	.05
E1203A	46 41 17	112 30 52	.05
E1204A	46 42 18	112 30 22	.85
E1204B	46 42 18	112 30 22	.40
E1205A	46 51 49	112 50 48	11.00
E1205B	46 51 49	112 50 48	88.00
E1206A	46 51 48	112 51 59	7.50
E1207A	46 56 57	112 30 32	23.20
E1207B	46 56 57	112 30 32	22.40
E1208B	46 56 29	112 30 36	1.25
E1209A	46 56 25	112 30 48	3.40
E1210A	46 56 19	112 30 59	<.05
E1211A	46 56 55	112 30 45	1.15
E1213A	46 21 27	112 10 18	3.40
E1214A	46 21 30	112 21 38	1.10
E1215A	46 20 52	112 13 14	2.50
E1216A	46 12 35	113 33 12	2.60
E1216B	46 12 35	113 33 12	.20
E1216C	46 12 35	113 33 12	4.30
E1216D	46 12 35	113 33 12	.25
E1216E	46 12 35	113 33 12	.10
E9114	46 8 25	113 41 45	.05
E9116A	46 17 12	113 7 5	.10
E9116B	46 17 12	113 7 5	<.05
E9116C	46 17 12	113 7 5	<.05
E9119A	46 17 17	113 7 7	.35
E9126A	46 25 38	112 17 12	.50
E9126B	46 25 38	112 17 12	.45
ELP3590P	46 7 55	112 16 15	<.05
ELP4423P	46 12 20	112 16 20	<.05
ELP4533P	46 14 15	112 20 20	<.05
ELP4535P	46 13 35	112 20 55	<.05
ELP4537P	46 12 55	112 21 5	<.05
ELP4539P	46 12 25	112 20 40	<.05
ELP4541P	46 12 55	112 20 15	<.05
ELP4543P	46 10 10	112 21 0	<.05

TABLE 1.--Gold: Butte 1° x 2° quadrangle, Montana
--continued

Sample	Latitude	Longitude	Au ppm (.05)
ELP4545P	46° 11' 35"	112° 20' 35"	.15
ELP4547P	46 11 25	112 20 50	<.05
ELP4549P	46 10 35	112 20 40	<.05
ELP4551P	46 10 0	112 21 45	<.05
ELP4554P	46 5 50	112 20 55	.15
ELP4560P	46 8 35	112 22 30	.78
ELP4562P	46 2 45	112 24 40	<.05
ELP4564P	46 2 50	112 24 50	<.05
ELP4566P	46 2 20	112 26 0	.05
ELP4568P	46 7 15	112 27 30	.97
ELP4570P	46 7 15	112 27 30	<.05
ELP4572P	46 8 40	112 28 25	<.05
ELP4574P	46 9 10	112 28 40	<.05
ELP4576P	46 9 15	112 27 55	<.05
ELP4578P	46 10 30	112 46 45	<.05
ELP4580P	46 10 30	112 26 25	<.05
ELP4582P	46 11 10	112 26 50	<.05
ELP4584P	46 12 15	112 28 15	<.05
ELP4586P	46 12 25	112 28 10	<.05
ELP4588P	46 12 50	112 26 30	.47
ELP4591P	46 13 30	112 26 20	.12
ELP4595P	46 14 30	112 25 25	<.05
ELP4597P	46 13 55	112 27 35	<.05
ELP4599P	46 14 0	112 27 35	<.05
ELP6272P	46 7 5	112 17 35	.40
ELP6375P	46 0 30	112 20 5	.15
ELP6377P	46 0 25	112 20 10	.35
ELP6379P	46 1 25	112 18 10	.40
ELP6381P	46 1 25	112 18 5	<.05
ELP6528P	46 4 15	112 18 23	.11
ELP6532P	46 6 35	112 15 45	<.05
ELP6535P	46 2 50	112 16 43	<.05
ELP66500	46 8 10	112 15 45	.90
ELP66510	46 8 10	112 15 45	1.40
ELP66520	46 8 10	112 15 45	1.10
ELP66530	46 8 10	112 15 45	1.30
ELP82560	46 1 5	112 24 10	1.00
ELP82580	46 1 5	112 24 10	.60
ELP8259P	46 4 50	112 20 35	.07
ELP8262P	46 9 0	112 16 0	<.05
ELS01570	46 44 40	112 18 0	.30
ELS3055P	46 35 25	112 16 5	.45
ELS3067P	46 38 30	112 17 15	<.05
ELS3069P	46 38 45	112 16 10	<.05
ELS3071P	46 38 40	112 16 15	.60
ELS3072P	46 38 40	112 16 20	<.05
ELS3084P	46 40 35	112 15 30	1.00
ELS3086P	46 40 10	112 17 55	<.05
ELS30900	46 42 40	112 21 20	<.05
ELS3091P	46 43 35	112 20 55	492.75

TABLE 1.--Gold: Butte 1° x 2° quadrangle, Montana
--continued

Sample	Latitude	Longitude	Au ppm (.05)
ELS3092P	46° 43' 35 "	112° 20' 55 "	22.00
ELS30950	46 43 35	112 20 55	.50
ELS3098P	46 44 0	112 19 30	26.10
ELS4000P	46 44 15	112 22 30	.30
ELS4002P	46 38 55	112 20 35	<.05
ELS5453P	46 32 45	112 26 30	<.05
ELS5468P	46 30 10	112 26 7	<.05
ELS5472P	46 32 17	112 17 15	<.05
ELS5477P	46 32 10	112 19 50	<.05
ELS6461P	46 34 45	112 15 35	<.05
ELS6463P	46 33 30	112 16 10	.10
ELS6465P	46 32 35	112 15 0	<.05
ELS6549P	46 49 25	112 18 17	278.97
ELS6555P	46 44 37	112 15 44	2.47
ELS6557P	46 44 38	112 15 45	1.01
ELS6574P	46 32 21	112 20 15	<.05
ELS7210P	46 36 50	112 29 10	<.05
ELS7212P	46 38 35	112 27 15	1.30
ELS7218P	46 40 40	112 21 30	.05
ELS7220P	46 41 50	112 20 50	<.05
ELS7222P	46 42 2	112 21 12	22.55
ELS7226P	46 37 40	112 20 0	.10
ELS7228P	46 37 40	112 20 0	.20
ELS7342P	46 32 45	112 29 15	<.05
ELS7344P	46 32 45	112 29 5	<.05
ELS7639P	46 37 0	112 20 30	7.10
ELS7641P	46 36 40	112 20 17	.10
ELS7644P	46 35 50	112 21 32	<.05
ELS7646P	46 34 0	112 25 47	.40
ELS7648P	46 34 28	112 27 40	.55
ELS7650P	46 33 28	112 22 15	<.05
ELS7785P	46 35 20	112 26 15	.60
ELS7790P	46 41 25	112 23 15	28.20
ELS7794P	46 42 40	112 25 0	2.60
ELS7799P	46 40 55	112 28 0	.15
ELS8608P	46 42 20	112 29 50	.50
ELV01960	46 49 48	113 20 43	240.00
ELV0196R	46 49 39	113 20 42	17.00
ELV0198R	46 49 39	113 20 42	1.00
ELV10200	46 49 25	113 20 6	60.00
ELV4858P	46 52 22	113 22 23	.42
ELV5578P	46 45 15	113 15 53	<.05
ELV5829P	46 47 55	113 16 38	<.05
ELV5831P	46 46 53	113 20 32	<.05
ELV5842P	46 49 11	113 21 49	<.05
ELV5845P	46 49 14	113 21 41	1.92
ELV5847P	46 50 10	113 18 50	.63
ELV5849P	46 51 45	113 21 14	5.80
ELV5851P	46 51 38	113 20 38	4.90
ELV5855P	46 50 9	113 17 30	<.05

TABLE 1.--Gold: Butte 1° x 2° quadrangle, Montana
--continued

Sample	Latitude	Longitude	Au ppm (.05)
ELV5974P	46° 48' 3"	113° 16' 12"	2.25
ELV5975P	46 48 3	113 16 44	<.05
ELV5978P	46 46 58	113 20 54	29.60
ELV5984P	46 48 29	113 21 17	.07
ELV5987P	46 48 32	113 21 4	5.64
ELV5990P	46 49 14	113 17 19	.90
ELV5992P	46 51 1	113 19 15	.64
ELV5994P	46 51 40	113 20 58	1.00
ELV5996P	46 51 42	113 16 53	<.05
ELV5998P	46 51 23	113 18 6	.10
ELV6971P	46 45 48	113 15 59	1.00
ELV8319P	46 52 59	113 19 42	<.05
ELY5831P	46 46 54	113 20 31	28.90
FB10730	46 18 58	113 14 34	1.05
FB1077P	46 18 48	113 13 58	1.42
FB1078P	46 18 48	113 13 58	5.07
FB1079P	46 18 48	113 13 58	.29
FB1080P	46 18 48	113 13 58	.30
FB1108P	46 15 47	113 8 3	2.44
FB1110P	46 15 38	113 8 13	<.05
FB11670	46 19 28	113 8 59	.15
FB11680	46 19 28	113 9 0	.15
FB1171P	46 19 33	113 8 59	<.05
FB2495P	46 18 0	113 12 55	.18
FB5386P	46 18 28	113 14 54	.44
FB6211P	46 15 50	113 9 11	.30
FIN5525P	46 51 53	112 38 2	<.05
FIN5527P	46 52 1	112 37 40	.05
FIN7743P	46 48 54	112 38 5	3.30
FIN7745P	46 48 55	112 38 8	4.45
FIN7747P	46 47 49	112 39 22	<.05
FIN7751P	46 46 30	112 38 38	.45
FIN7754P	46 46 13	112 42 17	875.40
FIN7757P	46 48 53	112 41 1	<.05
FIN7759P	46 49 56	112 40 47	1.70
FIN7761P	46 48 4	112 41 36	.20
FIN8636P	46 48 3	112 41 36	.30
FIN8640P	46 49 11	112 42 19	1.35
FIN8642P	46 48 48	112 44 2	.10
FIN8678P	46 49 32	112 43 13	12.40
FIN8680P	46 49 32	112 43 13	89.20
FP18R	46 0 20	113 40 30	.20
FP3R	46 1 46	113 40 53	9.00
FP4R	46 1 46	113 40 53	.80
FP7R	46 1 46	113 40 53	4.50
GA3453P	46 35 40	112 59 9	<.05
GA3457P	46 33 26	112 59 7	<.05
GA3459P	46 32 36	112 59 5	.80
GA3464P	46 31 4	112 59 28	.17
GA3470P	46 30 37	112 58 6	15.00

TABLE 1.--Gold: Butte 1° x 2° quadrangle, Montana
--continued

Sample	Latitude	Longitude	Au ppm (.05)
GA3474P	46° 30' 31"	112° 55' 29"	50.00
GA3479P	46 32 6	112 54 38	1.10
GA3481P	46 32 15	112 54 48	1.90
GA3483P	46 35 10	112 57 40	<.05
GA3485P	46 35 5	112 57 1	<.05
GA3491P	46 34 16	112 54 36	.34
GA3493P	46 33 28	112 55 4	41.00
GA3495P	46 31 33	112 50 16	.10
GA3499P	46 30 1	112 50 41	.23
GA3501P	46 30 29	112 48 39	2.40
GA3503P	46 30 14	112 47 42	.06
GA3503P	46 30 13	112 47 37	<.05
GA3505P	46 29 59	112 46 2	<.05
GA5741P	46 43 20	112 53 17	<.05
GA5743P	46 43 15	112 53 17	<.05
GA5745P	46 43 15	112 53 17	<.05
GA5747P	46 44 29	112 50 46	<.05
GA5749P	46 41 44	112 51 42	<.05
GA6633P	46 37 45	112 50 26	<.05
GA6635P	46 35 10	112 50 47	<.05
GA6637P	46 35 8	112 50 41	.07
GA6639P	46 34 7	112 51 52	<.05
GA6641P	46 33 22	112 49 52	<.05
GA6643P	46 32 6	112 45 38	<.05
GA8858P	46 43 35	112 47 49	<.05
GA8860P	46 43 28	112 47 57	<.05
GA8862P	46 43 27	112 47 43	<.05
GA8920P	46 44 16	112 59 29	<.05
GA8922P	46 44 16	112 59 3	<.05
GA8924P	46 44 8	112 58 59	<.05
GI1374P	46 9 27	113 59 24	<.05
GI1376P	46 9 37	113 59 35	<.05
GI1378P	46 9 41	113 57 17	<.05
GI1380P	46 9 52	113 57 18	<.05
GI1382P	46 9 40	113 56 28	<.05
GI1384P	46 10 4	113 56 8	<.05
GI1386P	46 9 57	113 55 9	<.05
GI1388P	46 10 17	113 54 27	<.05
GI1390P	46 10 39	113 54 10	<.05
GI1392P	46 11 36	113 52 45	<.05
GI1394P	46 11 20	113 53 24	<.05
GI1396P	46 10 8	113 54 19	<.05
GI1398P	46 9 53	113 53 53	<.05
GI1769P	46 11 57	113 59 48	<.05
GI1771P	46 11 57	113 59 55	<.05
GI1773P	46 11 44	113 58 24	<.05
GI1775P	46 11 38	113 58 20	<.05
GI1777P	46 14 27	113 57 59	<.05
GI1779P	46 14 12	113 58 18	<.05
GI1782P	46 13 41	113 59 36	<.05

TABLE 1.--Gold: Butte 1° x 2° quadrangle, Montana
--continued

Sample	Latitude	Longitude	Au ppm (.05)
GI1784P	46° 12' 48"	113° 59' 52"	<.05
GI1786P	46 12 41	113 59 57	.28
GI1788P	46 12 55	113 55 47	<.05
GI1790P	46 13 21	113 54 50	<.05
GI1792P	46 13 18	113 54 46	<.05
GI1794P	46 12 15	113 55 57	<.05
GI1796P	46 11 48	113 56 34	<.05
GI2273P	46 9 29	113 52 57	<.05
GI2305P	46 9 27	113 53 9	<.05
GI2307P	46 8 53	113 52 40	1.30
GI2610P	46 10 7	113 58 52	<.05
GI2612P	46 9 52	113 59 42	<.05
GI2656P	46 8 10	113 59 57	<.05
GI4293P	46 8 53	113 57 3	<.05
GI4295P	46 8 20	113 56 9	<.05
GL1R	46 13 18	113 19 10	.05
GL2785P	46 14 6	113 17 26	<.05
GL2787P	46 14 6	113 17 26	<.05
GL2793P	46 13 27	113 18 37	<.05
GL2R	46 13 18	113 19 10	<.05
GL3600P	46 14 1	113 17 12	<.05
GL3612P	46 8 2	113 21 43	.24
GL3614P	46 8 24	113 22 14	<.05
GL3620P	46 8 15	113 16 48	<.05
GL3622P	46 9 30	113 16 18	<.05
GL3705P	46 8 20	113 22 14	<.05
GL3730P	46 11 54	113 15 4	6.00
GL3732P	46 14 42	113 14 37	.70
GL3734P	46 11 25	113 22 8	<.05
GL3736P	46 10 14	113 22 14	<.05
GL3R	46 13 18	113 19 10	<.05
GL6205P	46 13 15	113 18 41	<.05
GL6207P	46 13 9	113 20 43	<.05
GL6233P	46 9 7	113 18 36	<.05
GL6235P	46 8 25	113 19 26	<.05
GL6243P	46 9 44	113 20 0	<.05
GL6249P	46 8 2	113 16 37	<.05
GNG4821P	46 53 42	113 22 53	<.05
GNG4823P	46 53 14	113 22 59	.13
GNG4840P	46 57 56	113 26 35	<.05
GNG4842P	46 57 57	113 26 31	<.05
GNG4844P	46 57 55	113 26 35	<.05
GNG48540	46 52 44	113 22 34	<.05
GNG4856P	46 52 44	113 22 34	<.05
GNG48600	46 52 45	113 22 33	<.05
GNG4865P	46 56 17	113 29 43	<.05
GRA7288P	46 49 58	112 24 55	<.05
GRA7290P	46 49 58	112 24 57	<.05
GRA7292P	46 47 10	112 25 0	<.05
GRA7294P	46 49 6	112 29 2	<.05

TABLE 1.--Gold: Butte 1° x 2° quadrangle, Montana
--continued

Sample	Latitude	Longitude	Au ppm (.05)
GRA7296P	46° 46' 6"	112° 29' 2"	<.05
GRA8207P	46 51 50	112 23 18	<.05
GRA82090	46 50 34	112 26 34	.80
GRA8215P	46 51 5	112 29 38	21.40
GRA8226P	46 47 35	112 23 49	<.05
GRA8228P	46 47 56	112 27 26	<.05
GRA8230P	46 46 48	112 28 45	<.05
GRA8232P	46 46 35	112 28 42	<.05
GRA8234P	46 45 20	112 25 20	<.05
GRA8236P	46 45 12	112 27 40	<.05
GRA8238P	46 45 8	112 27 42	<.05
HEL10020	46 39 25	112 4 0	.95
HEL10020	46 39 28	112 3 54	1.20
HEL10510	46 40 50	112 4 5	.40
HEL10560	46 40 59	112 4 14	23.00
HEL3057P	46 35 40	112 14 45	<.05
HEL3061P	46 35 35	112 9 40	5.60
HEL3062P	46 35 55	112 9 0	.65
HEL3075P	46 38 10	112 15 32	<.05
HEL3077P	46 38 25	112 13 55	<.05
HEL4004P	46 41 10	112 10 5	.40
HEL4005P	46 41 45	112 11 20	<.05
HEL4521P	46 30 20	112 7 50	<.05
HEL6445P	46 34 40	112 1 20	<.05
HEL6447P	46 34 15	112 0 55	.70
HEL6449P	46 33 10	112 0 0	3.85
HEL6454P	46 30 35	112 1 0	<.05
HEL6456P	46 30 35	112 1 0	<.05
HEL6467P	46 32 35	112 14 35	.15
HEL6471P	46 31 25	112 15 0	.10
HEL6482P	46 33 45	112 14 20	4.65
HEL6486P	46 31 45	112 11 10	<.05
HEL6493P	46 32 40	112 8 30	.05
HEL6495P	46 32 40	112 8 25	.15
HEL6499P	46 32 10	112 5 0	2.70
HEL6504P	46 33 55	112 2 45	.60
HEL6508P	46 35 0	112 13 15	<.05
HEL6514P	46 38 7	112 9 7	14.42
HEL6522P	46 39 33	112 8 7	13.93
HEL6524P	46 31 31	112 10 2	.13
HEL6526P	46 31 31	112 10 1	<.05
HEL9683P	46 35 15	112 7 16	<.05
HEL9685P	46 35 50	112 5 59	.20
HEL9689P	46 41 4	112 3 15	.55
HEL9691P	46 42 35	112 4 44	<.05
HEL9697P	46 43 50	112 8 25	2.28
HEL9699P	46 44 0	112 8 30	40.65
HLM6613P	46 50 38	112 53 50	<.05
HLM6615P	46 49 29	112 53 0	.15
HLM6617P	46 49 32	112 53 36	<.05

TABLE 1.--Gold: Butte 1° x 2° quadrangle, Montana
--continued

Sample	Latitude	Longitude	Au ppm (.05)
HLM6619P	46° 49' 34 "	112° 54' 2 "	<.05
HLM6622P	46 50 50	112 58 28	.09
HLM6624P	46 50 20	112 57 3	.27
HLM6628P	46 47 20	112 59 19	<.05
HLM6630P	46 47 20	112 59 13	<.05
HN1118P	46 22 50	113 18 58	<.05
HN1120P	46 26 36	113 15 39	<.05
HN2796P	46 24 18	113 18 23	<.05
HN2798P	46 25 4	113 18 28	<.05
HN3033P	46 28 50	113 19 26	20.65
HN3606P	46 22 50	113 18 40	<.05
HN3703P	46 28 45	113 16 36	<.05
HN3707P	46 23 50	113 18 15	.08
HN3709P	46 24 58	113 17 4	<.05
HN3711P	46 27 52	113 16 53	<.05
HN3713P	46 26 18	113 18 8	<.05
HN3715P	46 28 55	113 18 53	.92
HN3717P	46 28 23	113 20 3	<.05
HN3719P	46 27 58	113 20 18	<.05
HN3721P	46 27 47	113 20 17	1.70
HN37230	46 26 52	113 22 17	.15
HN4288P	46 26 35	113 20 16	<.05
HN4335P	46 23 33	113 20 57	<.05
HN4337P	46 25 13	113 21 12	.13
HN4339P	46 26 21	113 20 20	<.05
HN5249P	46 23 8	113 22 9	<.05
JEF0173R	46 29 15	112 14 36	.06
JEF01740	46 29 20	112 14 40	.50
JEF0175R	46 29 15	112 14 36	1.60
JEF180P	46 29 18	112 14 40	1.14
JEF20580	46 18 40	112 10 0	.10
JEF20590	46 18 35	112 10 0	.80
JEF20620	46 21 30	112 10 30	6.40
JEF20630	46 21 30	112 10 30	4.65
JEF20660	46 21 55	112 8 20	4.45
JEF2068P	46 21 46	112 7 12	.29
JEF20690	46 21 45	112 8 15	.07
JEF20710	46 23 10	112 6 45	4.75
JEF20720	46 23 10	112 7 40	15.70
JEF20740	46 23 10	112 7 40	48.40
JEF2075P	46 23 12	112 6 44	<.05
JEF2076P	46 23 12	112 6 44	31.20
JEF20780	46 23 10	112 7 25	1.00
JEF4417P	46 15 40	112 10 40	<.05
JEF4419P	46 15 15	112 11 5	.25
JEF4425P	46 15 50	112 13 20	<.05
JEF4427P	46 15 40	112 11 0	2.00
JEF4429P	46 17 5	112 12 0	2.20
JEF4431P	46 17 5	112 12 0	.05
JEF4435P	46 15 25	112 12 35	<.05

TABLE 1.--Gold: Butte 1° x 2° quadrangle, Montana
--continued

Sample	Latitude	Longitude	Au ppm (.05)
JEF4437P	46° 17' 0"	112° 9' 25"	.95
JEF4439P	46 17 45	112 8 0	<.05
JEF4441P	46 20 5	112 7 10	<.05
JEF4444P	46 20 50	112 7 45	.20
JEF4446P	46 26 30	112 3 15	.25
JEF4448P	46 26 15	112 4 20	.15
JEF4450P	46 25 50	112 4 25	<.05
JEF4452P	46 25 10	112 6 0	<.05
JEF4454P	46 24 30	112 8 55	<.05
JEF4456P	46 24 40	112 9 0	.25
JEF4460P	46 15 25	112 4 20	.10
JEF4462P	46 17 20	112 2 55	<.05
JEF4464P	46 17 55	112 2 20	2.50
JEF4466P	46 2 50	112 3 30	.40
JEF4469P	46 23 5	112 8 0	.05
JEF4471P	46 22 55	112 7 50	.35
JEF4473P	46 22 50	112 4 25	<.05
JEF4476P	46 25 20	112 0 26	<.05
JEF4478P	46 23 55	112 1 50	.40
JEF4483P	46 20 20	112 3 5	<.05
JEF4485P	46 21 45	112 0 25	2.25
JEF4488P	46 22 25	112 1 30	.30
JEF4490P	46 17 10	112 14 30	.46
JEF4496P	46 19 5	112 14 45	.53
JEF4498P	46 19 5	112 14 45	.86
JEF45000	46 19 35	112 14 20	6.00
JEF4501P	46 20 55	112 13 0	1.79
JEF4503P	46 21 35	112 3 20	.09
JEF4505P	46 21 35	112 13 15	2.08
JEF4509P	46 29 18	112 3 37	<.05
JEF4511P	46 29 25	112 3 25	<.05
JEF4514P	46 29 25	112 5 40	<.05
JEF4516P	46 29 35	112 6 25	<.05
JEF4518P	46 29 55	112 7 10	<.05
JEF4523P	46 28 55	112 10 15	<.05
JEF4525P	46 29 0	112 14 0	4.66
JEF4527P	46 27 45	112 14 55	1.14
JEF4529P	46 27 50	112 7 10	2.97
JEF4531P	46 27 35	112 6 20	1.00
JEF82700	46 24 55	112 11 55	1.60
JM8023	46 0 35	113 50 55	<.05
JM8024	46 0 49	113 50 29	<.05
JM8026	46 0 20	113 50 55	<.05
KEN0067P	46 2 24	113 46 35	<.05
KEN0069P	46 3 13	113 45 56	<.05
KEN0071P	46 3 14	113 45 49	<.05
KEN0095P	46 5 17	113 48 36	<.05
KEN0727P	46 0 15	113 45 56	<.05
KEN0855P	46 0 16	113 45 58	.12
KEN0883P	46 1 19	113 47 20	<.05

TABLE 1.--Gold: Butte 1° x 2° quadrangle, Montana
--continued

Sample	Latitude	Longitude	Au ppm (.05)
KEN0885P	46° 1' 17"	113° 47' 28"	<.05
KEN0887P	46 0 58	113 48 12	<.05
KEN0889P	46 0 39	113 48 40	<.05
KEN0891P	46 0 38	113 48 44	<.05
KEN0893P	46 0 33	113 48 35	<.05
KEN0933P	46 7 3	113 46 22	<.05
KEN2200P	46 4 36	113 51 30	<.05
KEN2202P	46 4 36	113 51 32	<.05
KEN2204P	46 4 38	113 51 36	<.05
KEN2255P	46 7 0	113 52 28	<.05
KEN2259P	46 6 19	113 51 40	<.05
KEN2261P	46 6 35	113 51 29	<.05
KEN2263P	46 6 45	113 51 32	<.05
KEN2265P	46 7 28	113 51 13	.50
KEN2267P	46 7 25	113 51 2	<.05
KEN2614P	46 0 32	113 49 25	<.05
KEN2616P	46 1 40	113 50 25	<.05
KEN2618P	46 1 24	113 49 38	<.05
KEN2620P	46 1 45	113 49 46	<.05
KEN2622P	46 2 5	113 49 36	<.05
KEN2624P	46 2 9	113 49 39	<.05
KEN2626P	46 2 25	113 50 50	<.05
KEN2628P	46 2 26	113 50 52	<.05
KEN2630P	46 3 31	113 50 13	<.05
KEN2632P	46 4 55	113 50 43	<.05
KEN2634P	46 4 21	113 50 51	<.05
KEN386P	46 5 32	113 45 5	<.05
KEN388P	46 5 38	113 45 2	<.05
KEN390P	46 4 29	113 45 57	<.05
KEN392P	46 4 27	113 45 55	<.05
KEN4305P	46 2 52	113 52 13	<.05
KEN930P	46 6 57	113 46 9	<.05
KEN934P	46 7 3	113 46 22	<.05
KEN937P	46 7 0	113 48 11	<.05
KEN939P	46 6 58	113 49 0	<.05
KEN942P	46 6 38	113 48 30	.23
KEN944P	46 6 42	113 49 20	<.05
KEN947P	46 6 45	113 49 14	<.05
LIN5511P	46 55 26	112 39 31	.45
LIN5515P	46 52 46	112 39 50	.65
LIN5517P	46 52 46	112 39 50	<.05
LIN5529P	46 55 20	112 43 11	.10
LIN5531P	46 52 51	112 44 7	<.05
LIN5533P	46 52 57	112 43 15	<.05
LIN5542P	46 59 57	112 42 12	.30
LIN5544P	46 59 56	112 40 52	<.05
LIN5551P	46 59 55	112 38 20	<.05
MAK58900	46 25 33	113 13 48	.05
MAR5496P	46 56 29	112 52 45	<.05
MAR5498P	46 58 4	112 53 20	<.05

TABLE 1.--Gold: Butte 1° x 2° quadrangle, Montana
--continued

Sample	Latitude	Longitude	Au ppm (.05)
MAR5501P	46° 58' 37"	112° 54' 3 "	<.05
MAR5505P	46 59 8	112 52 56	<.05
MAR5507P	46 58 47	112 53 30	.05
MAR5599P	46 53 55	112 53 3	1.60
MAR6402P	46 52 43	112 52 32	3.00
MAR6404P	46 52 39	112 52 33	.20
MAR6412P	46 53 18	112 56 7	.15
MAR6424P	46 58 12	112 59 22	<.05
MAR6451P	46 53 18	112 56 12	<.05
MAU1266P	46 7 56	113 36 30	1.26
MAU2383P	46 7 33	113 35 47	<.05
MAU3351R	46 12 33	113 33 8	10.50
MAU3354R	46 12 34	113 33 10	2.00
MAU3356R	46 12 34	113 33 14	.14
MAU3399P	46 13 54	113 33 33	<.05
MAU4200P	46 13 25	113 31 18	<.05
MAU4321P	46 13 24	113 36 39	.10
MAU4323P	46 12 34	113 31 17	<.05
MAU5211P	46 12 32	113 30 14	<.05
MAU5263P	46 10 38	113 31 19	<.05
MAU5265P	46 10 1	113 32 32	.09
MAU5267P	46 9 27	113 33 17	<.05
MAU5269P	46 8 24	113 34 11	<.05
MAU5275P	46 13 46	113 32 59	<.05
MAU5277P	46 14 52	113 35 21	<.05
MAU5279P	46 14 59	113 35 29	<.05
MAU5281P	46 14 26	113 34 15	<.05
MAU5295P	46 14 54	113 36 12	<.05
MAU5297P	46 12 53	113 35 30	<.05
MAU5301P	46 12 16	113 33 1	.14
MAU5303P	46 10 42	113 33 9	<.05
MAU5305P	46 10 27	113 34 36	<.05
MAU5307P	46 9 20	113 35 52	<.05
MAU5346P	46 13 41	113 31 4	<.05
MAU5348P	46 13 37	113 32 50	<.05
MAU5350P	46 12 21	113 30 16	<.05
MAX1122P	46 29 12	113 14 42	<.05
MAX1162P	46 28 41	113 9 18	.30
MAX2449P	46 28 52	113 7 42	<.05
MAX5867P	46 29 31	113 12 45	<.05
MAX5872P	46 27 20	113 9 4	<.05
MAX5881P	46 25 54	113 7 53	<.05
MAX5883P	46 23 56	113 12 12	.40
MAX5885P	46 24 46	113 11 51	<.05
MAX5887P	46 23 43	113 14 53	<.05
MAX5889P	46 24 43	113 14 13	<.05
MAX5894P	46 25 45	113 13 39	<.05
MAX5896P	46 24 34	113 10 14	<.05
MAX5898P	46 24 27	113 9 15	.09
MAX6823P	46 29 15	113 8 1	.20

TABLE 1.--Gold: Butte 1° x 2° quadrangle, Montana
--continued

Sample	Latitude	Longitude	Au ppm (.05)
MAX6825P	46° 29' 17"	113° 9' 56"	<.05
MAX6907P	46 29 15	113 11 52	<.05
MAX6909P	46 28 13	113 11 21	<.05
MAX6911P	46 27 22	113 10 38	<.05
MAX6913P	46 26 12	113 8 48	<.05
MAX6921P	46 23 55	113 9 10	56.70
MAX6925P	46 25 45	113 12 49	1.03
ME1104P	46 7 20	113 12 20	<.05
ME1152P	46 7 7	113 9 52	<.05
ME1154P	46 5 58	113 8 23	1.54
ME4661P	46 1 50	113 8 34	<.05
ME4663P	46 1 51	113 8 25	<.05
ME4665P	46 1 51	113 8 25	<.05
ME4667P	46 2 31	113 7 42	<.05
ME4701P	46 1 55	113 14 6	<.05
ME4704P	46 1 53	113 14 8	<.05
ME4707P	46 1 19	113 13 24	<.05
ME4710P	46 0 49	113 12 30	<.05
ME4713P	46 0 4	113 11 38	<.05
ME6203P	46 6 47	113 12 28	<.05
MEM0895P	46 8 17	113 44 0	<.05
MEM0897P	46 8 21	113 44 3	<.05
MEM0899P	46 8 16	113 44 12	<.05
MEM1260P	46 12 5	113 43 59	<.05
MEM1262P	46 11 58	113 43 58	.74
MEM1801P	46 8 25	113 44 26	<.05
MEM1803P	46 8 19	113 44 39	<.05
MEM1805P	46 8 16	113 44 44	<.05
MEM2328P	46 12 6	113 43 47	<.05
MEM2330P	46 11 20	113 43 9	<.05
MEM2332P	46 11 22	113 43 12	<.05
MEM2334P	46 11 34	113 42 15	<.05
MEM2336P	46 11 38	113 42 16	6.93
MEM2707P	46 7 51	113 41 17	2.95
MEM2709P	46 8 38	113 41 36	<.05
MEM2711P	46 9 12	113 41 14	<.05
MEM2714P	46 10 6	113 40 24	1.45
MEM3389P	46 11 19	113 41 19	<.05
MEM3390P	46 11 21	113 41 20	.11
MEM4240P	46 14 59	113 41 24	.15
MEM4307P	46 8 7	113 39 5	<.05
MEM4309P	46 8 16	113 38 51	<.05
MEM4311P	46 8 17	113 38 59	<.05
MEM4313P	46 8 55	113 37 39	<.05
MEM5218P	46 13 26	113 43 33	<.05
MEM5220P	46 14 11	113 42 22	<.05
MEM5222P	46 10 32	113 41 18	<.05
MEM5224P	46 11 5	113 40 37	<.05
MEM5226P	46 11 31	113 41 13	<.05
MEM5252R	46 7 32	113 39 31	4.60

TABLE 1.--Gold: Butte 1° x 2° quadrangle, Montana
--continued

Sample	Latitude	Longitude	Au ppm (.05)
MEM5259R	46° 7' 58"	113° 38' 53"	<.05
MEM5287P	46 13 38	113 41 43	<.05
MEM5289P	46 13 57	113 41 1	<.05
MEM5291P	46 14 29	113 39 28	<.05
MEM5293P	46 14 26	113 38 50	<.05
MHA3693P	46 6 44	113 3 30	<.05
MHA3695P	46 7 9	113 2 40	<.05
MHA3697P	46 6 50	113 1 24	<.05
MHA3699P	46 7 3	113 0 16	<.05
MHA3761P	46 1 3	113 2 18	<.05
MHA3763P	46 1 4	113 2 58	<.05
MHA3765P	46 0 3	113 3 17	<.05
MHA3767P	46 0 34	113 5 1	1.50
MHA3769P	46 0 32	113 5 55	<.05
MHA3777P	46 7 7	113 6 56	<.05
MHA3779P	46 7 6	113 6 58	<.05
MHA3781P	46 7 22	113 7 17	<.05
MHA4669P	46 2 14	113 6 10	<.05
MHA4671P	46 2 14	113 6 17	<.05
MHA4673P	46 1 24	113 4 26	<.05
MHA4675P	46 1 27	113 4 23	<.05
MHA4677P	46 1 45	113 3 8	<.05
MHA6988P	46 5 15	113 1 57	<.05
MHA6990P	46 4 20	113 6 8	<.05
MHA6992P	46 4 17	113 5 42	<.05
MHA6994P	46 3 42	113 4 58	<.05
MHA6996P	46 3 46	113 4 52	<.05
MHA6998P	46 3 45	113 4 12	<.05
MHA7900P	46 3 49	113 0 12	<.05
MHA7902P	46 3 54	113 1 11	<.05
MIN30530	46 45 58	113 32 38	<.05
MIN30530	46 45 59	113 32 38	<.05
MIN3805P	46 45 26	113 34 26	1.83
MIN3806P	46 45 40	113 33 56	.55
MIN3810M	46 45 55	113 32 36	.14
MIN3811M	46 46 55	113 32 36	<.05
MIN3812M	46 45 55	113 32 36	<.05
MIN3813R	46 45 55	113 32 36	<.05
MIN3815P	46 46 17	113 31 14	<.05
MIN38170	46 45 39	113 35 50	<.05
MIN3819P	46 45 33	113 35 48	.29
MIN3820R	46 45 34	113 35 50	<.05
MIN3975P	46 48 25	113 31 1	<.05
MIN3985P	46 46 8	113 37 17	<.05
MIN3987P	46 46 7	113 37 17	<.05
MIN3990P	46 50 16	113 32 44	<.05
MIN39950	46 48 30	113 35 57	1.30
MIN3997P	46 48 46	113 35 15	<.05
MIN39990	46 48 56	113 35 28	1.40
MIN4900P	46 49 15	113 35 41	<.05

TABLE 1.--Gold: Butte 1° x 2° quadrangle, Montana
--continued

Sample	Latitude	Longitude	Au ppm (.05)
MIN4902P	46° 49' 21"	113° 35' 44"	<.05
MIN4904P	46 49 22	113 35 58	<.05
MIN4908P	46 50 32	113 35 50	<.05
MIN4921P	46 48 29	113 30 50	<.05
MIT7298P	46 53 13	112 12 58	<.05
MIT7300P	46 53 38	112 12 51	.10
MIT7304P	46 55 3	112 14 2	<.05
MIT7307P	46 53 37	112 11 22	<.05
MIT7381P	46 56 34	112 8 2	<.05
MIT7388P	46 59 10	112 9 43	<.05
MIT7390P	46 59 3	112 9 45	<.05
MIT7395P	46 57 15	112 9 0	.70
MIT7397P	46 57 44	112 10 19	<.05
MIT7399P	46 56 20	112 11 47	<.05
MIT8201P	46 55 28	112 12 15	<.05
MIT8203P	46 55 41	112 10 10	<.05
MIT8216P	46 59 10	112 14 3	<.05
MIT8220P	46 58 56	112 13 33	<.05
MIT8222P	46 57 55	112 14 3	<.05
MIT8224P	46 58 13	112 12 18	<.05
MIT8781P	46 52 38	112 8 22	<.05
MOL1290P	46 2 39	113 32 13	<.05
MOL1295P	46 0 28	113 34 10	<.05
MOL1297P	46 0 25	113 34 7	2.91
MOL1301P	46 1 31	113 37 17	<.05
MOL1303P	46 1 33	113 37 19	.05
MOL1305P	46 1 50	113 36 36	<.05
MOL1307P	46 3 55	113 32 46	<.05
MOL1654P	46 1 54	113 33 54	<.05
MOL1656P	46 2 2	113 33 43	.57
MOL1658P	46 2 6	113 36 49	<.05
MOL2337P	46 0 9	113 31 32	<.05
MOL2339P	46 0 17	113 31 36	<.05
MOL2344P	46 1 28	113 31 18	<.05
MOL2347P	46 1 59	113 31 20	<.05
MOL2349P	46 1 56	113 31 27	<.05
MOL2351P	46 3 6	113 32 16	1.80
MOL2357P	46 4 0	113 32 15	1.10
MOL2359P	46 3 1	113 34 48	<.05
MOL2362P	46 3 7	113 36 10	<.05
MOL2364P	46 2 59	113 36 6	<.05
MOL2367P	46 4 5	113 35 22	<.05
MOL2369P	46 4 8	113 35 8	<.05
MOL2372P	46 7 4	113 35 18	<.05
MOL2375P	46 6 32	113 34 42	<.05
MOL2377P	46 6 36	113 34 41	1.40
MOL2380P	46 6 32	113 35 35	<.05
MOL2556P	46 1 59	113 31 21	<.05
MOL4315P	46 6 43	113 31 55	.11
MOL4317P	46 5 34	113 32 37	<.05

TABLE 1.--Gold: Butte 1° x 2° quadrangle, Montana
--continued

Sample	Latitude	Longitude	Au ppm (.05)
MOL4319P	46° 6' 30"	113° 32' 41"	<.05
MOL507P	46 0 1	113 36 18	<.05
MOL509P	46 0 18	113 36 13	<.05
MOL5311R	46 4 15	113 32 4	1.00
MOL53120	46 4 15	113 32 4	<.05
MOL5323P	46 4 25	113 31 26	<.05
MOL5325P	46 4 51	113 30 32	<.05
MOL5327P	46 4 29	113 30 21	<.05
MOL5329P	46 4 17	113 30 22	<.05
MOL5331P	46 5 12	113 30 14	<.05
MOL5333P	46 6 31	113 30 10	<.05
MOL955P	46 5 44	113 36 5	<.05
M00188P	46 58 39	112 46 54	.06
M00189P	46 58 42	112 45 48	.14
M005482P	46 57 14	112 45 50	<.05
M005486P	46 58 20	112 45 52	.30
M005490P	46 57 47	112 49 55	<.05
M005492P	46 57 50	112 49 40	<.05
M007765P	46 55 28	112 45 56	<.05
M007767P	46 53 6	112 46 43	<.05
M007769P	46 53 8	112 46 46	<.05
M007772P	46 55 0	112 45 45	.35
M007775P	46 55 28	112 45 56	1.00
M007777P	46 54 23	112 50 9	.35
M007780P	46 54 53	112 51 22	.20
M007782P	46 56 5	112 49 31	<.05
MP7904P	46 15 52	112 57 59	<.05
MP7906P	46 15 45	112 57 15	<.05
MP7908P	46 15 49	112 56 0	<.05
MP7910P	46 15 54	112 54 59	3.66
MP7912P	46 16 48	112 57 23	1.00
MP7914P	46 17 32	112 56 24	.67
MP7916P	46 17 14	112 54 14	.40
MP7924P	46 18 5	112 53 1	.31
MP7926P	46 18 3	112 53 3	<.05
NEM0013P	46 55 20	113 54 1	<.05
NEM0032P	46 57 41	113 53 38	<.05
NEM0223P	46 58 16	113 56 36	<.05
NEM0225P	46 58 18	113 56 39	<.05
NEM0228P	46 59 57	113 57 2	<.05
NEM0231P	46 58 42	113 55 20	<.05
NEM0234P	46 59 21	113 54 27	<.05
NEM0401P	46 54 54	113 56 3	<.05
NEM0403P	46 55 9	113 56 28	<.05
NEM0405P	46 55 52	113 56 43	<.05
NEM0407P	46 56 51	113 55 59	<.05
NEM0409P	46 57 23	113 55 10	<.05
NEM0411P	46 57 10	113 54 42	<.05
NEM0413P	46 57 4	113 55 14	<.05
NEM0580P	46 53 8	113 53 36	<.05

TABLE 1.--Gold: Butte 1° x 2° quadrangle, Montana
--continued

Sample	Latitude	Longitude	Au ppm (.05)
NEM0582P	46° 53' 31"	113° 55' 27"	.72
NEM0584P	46 54 12	113 53 58	<.05
NEM0586P	46 56 9	113 58 50	<.05
NEM0589P	46 56 27	113 58 5	<.05
NEM0609P	46 56 51	113 55 59	<.05
NEM0807P	46 57 56	113 57 21	<.05
NEM0809P	46 57 55	113 57 15	<.05
NEM0812P	46 59 58	113 57 4	<.05
NEM1868P	46 58 49	113 58 46	<.05
NEM1870P	46 58 44	113 58 47	<.05
NEM1939P	46 57 29	113 53 26	<.05
NLK5739P	46 46 38	112 49 13	<.05
NLK73610	46 52 22	112 52 24	13.50
NLK73650	46 51 46	112 52 0	25.00
NLK73660	46 51 46	112 52 0	.50
NLK73690	46 51 59	112 51 44	3.30
NLK73710	46 51 47	112 50 48	2.70
NLK8682P	46 49 15	112 46 0	.45
NLK8685P	46 50 25	112 45 1	.05
NLK8688P	46 47 56	112 46 18	.15
NLK8691P	46 48 2	112 49 2	<.05
NLK8694P	46 49 36	112 50 0	<.05
NLK87000	46 51 41	112 48 3	.75
NLK87030	46 51 41	112 48 3	.55
NLK8704P	46 50 34	112 52 28	.45
NLK8903P	46 46 52	112 47 47	<.05
NLK8905P	46 46 40	112 47 53	<.05
NLK8907P	46 46 43	112 47 59	<.05
NLK8909P	46 48 23	112 50 30	<.05
NLK8911P	46 48 22	112 50 20	<.05
NLK8914P	46 48 51	112 51 19	<.05
NLK8916P	46 46 32	112 46 3	<.05
NLK8918P	46 46 12	112 45 26	<.05
NVM10090	46 51 28	112 30 25	1.80
NVM7703P	46 52 0	112 33 5	<.05
NVM7713P	46 52 22	112 36 10	<.05
NVM7719P	46 51 50	112 31 8	16.60
NVM7725P	46 30 48	112 34 35	2.45
NVM7728P	46 49 22	112 33 29	<.05
NVM7730P	46 48 23	112 34 26	.10
NVM7732P	46 47 44	112 34 58	<.05
NVM7734P	46 47 4	112 35 43	<.05
NVM7737P	46 45 13	112 36 22	<.05
NVM8668P	46 47 10	112 33 16	<.05
NVM8670P	46 45 13	112 36 22	<.05
NVM8671P	46 48 28	112 32 31	2.70
NVM8675P	46 46 8	112 35 18	<.05
PH2789P	46 15 43	113 16 56	<.05
PH2791P	46 15 24	113 17 48	<.05
PH3602P	46 17 38	113 18 42	3.80

TABLE 1.--Gold: Butte 1° x 2° quadrangle, Montana
--continued

Sample	Latitude	Longitude	Au ppm (.05)
PH3604P	46° 16' 34"	113° 16' 51"	<.05
PH4341P	46 17 41	113 20 35	<.05
PH4343P	46 16 37	113 21 48	.06
PH4345P	46 15 40	113 22 4	<.05
PH4363P	46 21 2	113 21 46	<.05
PH4365P	46 19 23	113 22 4	1.21
PH4367P	46 18 12	113 22 29	.26
PH5388P	46 17 49	113 15 42	<.05
PH5392P	46 22 8	113 17 0	<.05
PH6237P	46 17 18	113 17 17	1.90
PI10860	46 24 30	113 5 40	59.00
PI1156P	46 28 54	113 1 6	<.05
PI1160P	46 28 58	113 4 12	160.00
PI2004P	46 27 8	113 5 11	.12
PI2007P	46 23 28	113 7 14	.06
PI2451P	46 29 26	113 7 1	<.05
PI24550	46 29 53	113 5 40	.10
PI24560	46 29 53	113 5 40	.05
PI24570	46 29 53	113 5 40	.10
PI40520	46 27 11	113 1 36	3.90
PI58770	46 26 56	113 7 15	8.80
PI58780	46 26 56	113 7 15	.50
PI58790	46 26 56	113 7 15	4.10
PI5899P	46 24 32	113 7 3	111.00
PI63180	46 22 44	113 4 1	<.05
PI63230	46 23 9	113 3 58	.12
PI6802P	46 23 3	113 7 6	.50
PI6807P	46 27 14	113 5 15	<.05
PI6809P	46 27 48	113 3 4	.40
PI6820P	46 28 2	113 3 1	14.14
PI6923P	46 25 38	113 6 1	1.25
PI6929P	46 28 53	113 5 3	1.56
PI6931P	46 29 13	113 1 40	<.05
PI6933P	46 29 15	113 1 45	7.24
POM4805P	46 53 14	113 31 56	<.05
POM4807P	46 57 17	113 36 21	<.05
POM4809P	46 57 22	113 37 9	<.05
POM4812P	46 57 27	113 34 15	<.05
POM4816P	46 59 34	113 35 25	<.05
POM4817P	46 57 27	113 32 55	<.05
POM4831P	46 56 2	113 37 11	<.05
POM4834P	46 57 49	113 31 8	<.05
POM4867P	46 56 50	113 31 43	<.05
POM4882P	46 59 31	113 35 39	<.05
POT4382P	46 14 46	113 22 49	<.05
POT4384P	46 14 17	113 23 55	<.05
POT4386P	46 14 13	113 25 0	<.05
POT4388P	46 14 14	113 24 2	<.05
POT4390P	46 13 44	113 23 47	<.05
POT4392P	46 14 2	113 26 50	<.05

TABLE 1.--Gold: Butte 1° x 2° quadrangle, Montana
--continued

Sample	Latitude	Longitude	Au ppm (.05)
POT4394R	46° 14' 8"	113° 27' 9"	1.20
POT4399P	46 13 50	113 29 8	<.05
POT5201P	46 11 51	113 28 58	<.05
POT5203P	46 12 39	113 24 55	<.05
POT5205P	46 10 11	113 23 39	.07
POT5207P	46 11 8	113 26 34	<.05
POT5209P	46 11 56	113 29 47	.05
POT5213P	46 11 37	113 27 12	<.05
POT5271P	46 7 42	113 29 21	<.05
POT5273P	46 8 34	113 29 51	<.05
POT5352P	46 9 23	113 29 58	<.05
POT5358P	46 8 52	113 22 53	<.05
POT5394P	46 10 13	113 27 45	<.05
POT5397P	46 8 4	113 25 6	<.05
POZ10970	46 20 52	113 4 20	.15
QUI01180	46 28 40	113 40 38	<.05
QUI0799P	46 28 36	113 38 36	.15
QUI1601P	46 28 38	113 38 37	<.05
QUI1603P	46 29 3	113 38 2	<.05
QUI1823P	46 26 10	113 41 50	.16
QUI1918P	46 29 28	113 41 21	.25
QUI1920P	46 29 30	113 41 20	2.04
QUI2730P	46 26 8	113 44 47	<.05
QUI2732P	46 25 54	113 44 24	3.62
QUI2735P	46 25 19	113 42 49	<.05
QUI2737P	46 24 44	113 42 17	<.05
QUI2739P	46 24 35	113 41 55	<.05
QUI2741P	46 24 4	113 42 0	<.05
QUI2757P	46 24 46	113 42 41	<.05
QUI2759P	46 24 24	113 42 14	3.60
QUI2761P	46 23 47	113 41 20	.89
QUI2763P	46 22 43	113 40 20	.05
QUI2765P	46 22 55	113 40 13	.23
QUI3200P	46 22 52	113 38 59	<.05
QUI3202P	46 22 35	113 38 35	<.05
QUI4242P	46 22 47	113 43 17	.06
QUI4244P	46 23 29	113 42 21	.07
QUI514P	46 26 24	113 39 24	<.05
QUI522P	46 24 38	113 41 52	<.05
QUI543P	46 28 13	113 40 53	<.05
QUI548P	46 28 12	113 41 33	.07
QUI549P	46 28 12	113 42 29	<.05
QUI553P	46 27 42	113 44 49	<.05
RAC4731P	46 18 12	112 46 15	<.05
RAC4733P	46 18 56	112 49 28	<.05
RAC4735P	46 19 14	112 47 16	<.05
RAC4737P	46 19 52	112 48 47	.09
RAC4739P	46 20 19	112 49 49	.19
RAC4741P	46 20 19	112 49 49	.08
RAC4743P	46 20 21	112 49 48	<.05

TABLE 1.--Gold: Butte 1° x 2° quadrangle, Montana
--continued

Sample	Latitude	Longitude	Au ppm (.05)
RAC4745P	46° 20' 50"	112° 48' 13"	<.05
RAC4747P	46 21 9	112 49 19	<.05
RAC4749P	46 21 38	112 49 2	<.05
RAC4751P	46 21 23	112 47 37	<.05
RAC4753P	46 20 24	112 45 40	<.05
RAC4755P	46 20 18	112 45 43	<.05
RAC7918P	46 16 47	112 50 12	1.30
RAC7920P	46 17 9	112 50 9	3.01
RAC7922P	46 17 27	112 49 32	.88
RAC7928P	46 16 0	112 50 55	.48
RAC7930P	46 16 31	112 48 24	10.90
RAC7932P	46 16 40	112 46 13	<.05
RAC7934P	46 15 26	112 46 22	8.95
RAV0455P	46 38 35	113 42 22	<.05
RAV0459P	46 38 52	113 41 4	<.05
RAV0461P	46 39 5	113 40 38	<.05
RAV0557P	46 38 0	113 36 37	<.05
RAV0559P	46 36 38	113 38 14	<.05
RAV0684P	46 36 47	113 43 25	<.05
RAV0908P	46 36 52	113 43 26	<.05
RAV0910P	46 36 47	113 43 10	<.05
RAV1405P	46 39 31	113 34 39	<.05
RAV1407P	46 39 28	113 35 37	<.05
RAV1410P	46 39 26	113 36 2	<.05
RAV1413P	46 39 27	113 37 2	<.05
RAV1446P	46 34 26	113 33 5	23.59
RAV1448P	46 34 22	113 32 59	<.05
RAV1450P	46 34 26	113 32 20	.05
RAV1452P	46 34 43	113 32 9	<.05
RAV1569P	46 34 35	113 44 53	.60
RAV1570P	46 34 15	113 44 30	.30
RAV1618P	46 30 32	113 37 4	<.05
RAV1620P	46 30 49	113 36 53	<.05
RAV1875P	46 42 44	113 41 6	<.05
RAV1879P	46 39 37	113 39 2	<.05
RAV1883P	46 42 26	113 34 39	.07
RAV1896M	46 38 25	113 44 15	4.00
RAV1896M	46 38 25	113 44 15	.07
RAV1923P	46 30 27	113 41 16	.37
RAV1925P	46 30 24	113 41 20	<.05
RAV1957P	46 34 19	113 44 32	1.85
RAV1959P	46 34 14	113 44 36	<.05
RAV1962P	46 33 47	113 42 14	.06
RAV1968P	46 36 39	113 39 23	<.05
RAV1971P	46 39 10	113 39 37	<.05
RAV1978P	46 39 39	113 43 52	<.05
RAV1980P	46 39 36	113 44 2	<.05
RAV1982P	46 40 36	113 43 45	<.05
RAV1987M	46 34 47	113 34 15	<.05
RAV1990P	46 34 47	113 34 9	62.00

TABLE 1.--Gold: Butte 1° x 2° quadrangle, Montana
--continued

Sample	Latitude	Longitude	Au ppm (.05)
RAV1991M	46° 35' 15"	113° 34' 55"	<.05
RAV1999P	46 35 18	113 35 37	5.38
RAV28180	46 33 0	113 36 36	1.00
RAV2823M	46 31 22	113 34 7	.71
RAV2830M	46 34 50	113 34 42	5.30
RAV2832P	46 35 24	113 34 45	3.30
RAV2834P	46 35 24	113 34 45	.31
RAV2885P	46 36 21	113 31 7	<.05
RAV2900P	46 36 31	113 34 17	.44
RAV2905P	46 34 0	113 35 39	<.05
RAV2918P	46 32 9	113 35 25	<.05
RAV2923P	46 31 23	113 37 9	<.05
RAV2925P	46 31 11	113 37 15	<.05
RAV2927P	46 31 8	113 37 8	<.05
RAV2934P	46 33 3	113 38 13	<.05
RAV2937P	46 34 28	113 39 19	<.05
RAV2956P	46 39 47	113 33 4	<.05
RAV2959P	46 40 32	113 33 32	<.05
RAV2960P	46 40 30	113 33 31	<.05
RAV2963P	46 42 20	113 32 52	<.05
RAV2980P	46 43 54	113 35 6	<.05
RAV2990P	46 40 19	113 31 9	<.05
RAV3902P	46 31 45	113 30 47	<.05
RAV3910P	46 32 15	113 30 50	<.05
RAV3912P	46 32 33	113 30 40	<.05
RAV3915P	46 31 9	113 31 59	<.05
RAV3917P	46 31 13	113 31 56	<.05
RAV3919P	46 30 44	113 30 19	.20
RAV3921P	46 30 25	113 30 5	<.05
RAV3923P	46 44 59	113 43 23	<.05
RAV4980P	46 43 4	113 32 0	<.05
RAV5904P	46 37 47	113 31 4	<.05
RAV5906P	46 37 44	113 32 0	<.05
RGA6871P	46 29 47	112 56 52	7.80
ROC1158P	46 29 22	112 59 42	<.05
ROC6857P	46 26 52	112 57 33	<.05
ROC6859P	46 26 55	112 56 58	<.05
ROC6861P	46 28 30	112 56 36	<.05
ROC6865P	46 28 14	112 55 42	2.20
ROC6873P	46 30 12	112 55 20	1.15
ROC6875P	46 28 22	112 54 7	.40
ROC6881P	46 26 55	112 56 2	.85
ROC6883P	46 26 30	112 54 54	<.05
ROC6887P	46 25 20	112 56 22	<.05
ROC6889P	46 26 10	112 52 39	<.05
RTL8709P	46 48 12	112 3 15	<.05
RTL8711P	46 48 10	112 3 14	1.15
RTL8716P	46 48 5	112 1 8	<.05
RTL8720P	46 49 5	112 0 20	<.05
RTL8722P	46 51 11	112 5 8	<.05

TABLE 1.--Gold: Butte 1° x 2° quadrangle, Montana
--continued

Sample	Latitude	Longitude	Au ppm (.05)
RTL8724P	46° 51' 12"	112° 5' 15"	<.05
RTL8735P	46 44 58	112 3 55	<.05
RTL8737P	46 45 10	112 5 19	.45
RTL8739P	46 47 15	112 7 30	<.05
RTL8743P	46 48 8	112 6 50	<.05
RTL8769P	46 52 22	112 0 19	<.05
RTL8771P	46 50 40	112 1 3	<.05
RTL8791P	46 45 32	112 0 56	<.05
S0001A	46 4 5	113 29 15	<.05
S0001B	46 4 5	113 29 15	<.05
S0002A	46 4 10	113 29 5	<.05
S0003A	46 4 15	113 28 55	<.05
S0004A	46 5 30	113 27 10	<.05
S0005A	46 4 35	113 28 10	<.05
S0006A	46 2 20	113 25 55	<.05
S0006B	46 2 20	113 25 55	<.05
S0006C	46 2 20	113 25 55	<.05
S0006D	46 2 20	113 25 55	<.05
S0006E	46 2 20	113 25 55	<.05
S0007A	46 18 10	113 30 5	1.00
S0009P	46 15 54	113 29 25	<.05
S0011P	46 15 56	113 28 27	<.05
S0012A	46 19 0	113 25 0	<.05
S0014P	46 21 35	113 23 30	<.05
S0016P	46 21 42	113 24 59	<.05
S0018P	46 21 32	113 24 56	<.05
S0020P	46 21 31	113 27 2	70.60
S0022P	46 21 52	113 28 8	.16
S0024P	46 18 58	113 24 38	<.05
S0026P	46 18 2	113 25 52	<.05
S0027A	46 18 15	113 25 35	.75
S0029P	46 20 5	113 27 5	<.05
S0031P	46 19 58	113 27 8	.05
S0032A	46 15 20	113 33 20	<.05
S0032B	46 15 20	113 33 20	<.05
S0034P	46 15 24	113 31 47	<.05
S0036P	46 15 21	113 31 52	<.05
S0039P	46 18 58	113 36 13	.05
S0041P	46 19 10	113 34 36	.10
S0042A	46 19 25	113 36 35	.12
S0043A	46 19 15	113 36 5	<.05
S0044A	46 19 30	113 35 25	.75
S0046P	46 20 17	113 32 56	.09
S0048P	46 20 16	113 33 7	1.70
S0050P	46 21 13	113 30 54	14.80
S0052P	46 20 58	113 31 3	<.05
S0054P	46 21 47	113 30 32	.06
S0057P	46 17 27	113 36 2	<.05
S0059P	46 17 28	113 35 48	.05
S0060A	46 17 40	113 36 40	<.05

TABLE 1.--Gold: Butte 1° x 2° quadrangle, Montana
--continued

Sample	Latitude	Longitude	Au ppm (.05)
S0060B	46°17'40"	113°36'40"	<.05
S0061A	46 17 35	113 36 40	.40
S0063P	46 16 19	113 43 7	.06
S0065P	46 17 35	113 41 8	.11
S0067P	46 27 43	113 24 59	.09
S0069P	46 27 58	113 23 45	<.05
S0071P	46 27 1	113 23 42	<.05
S0072A	46 16 0	113 29 15	.20
S0073A	46 16 0	113 29 15	.40
S0074A	46 19 50	113 33 15	1.80
S0075A	46 19 50	113 33 15	1.90
S0076A	46 17 55	113 36 45	<.05
S0077A	46 17 55	113 36 45	.55
S0078A	46 17 55	113 36 45	.10
S0079A	46 18 0	113 36 45	.60
S0080A	46 18 0	113 36 45	.40
S0081A	46 18 40	113 35 10	<.05
SAM1355P	46 23 16	113 49 54	.34
SAM1717P	46 23 8	113 51 44	<.05
SAM1743P	46 26 45	113 52 21	<.05
SAM2679P	46 29 56	113 49 23	<.05
SAM2682P	46 28 44	113 49 47	<.05
SAM2684P	46 28 44	113 49 44	.13
SAM2716P	46 29 39	113 46 40	.20
SAM2722P	46 28 16	113 46 38	<.05
SAM2724P	46 27 20	113 46 2	<.05
SAM2726P	46 27 6	113 46 3	<.05
SAM2728P	46 26 35	113 45 24	<.05
SAM4246P	46 26 14	113 50 24	.22
SAM4248P	46 26 32	113 49 30	.13
SAM4250P	46 26 59	113 49 21	<.05
SAM4254P	46 28 18	113 48 12	<.05
SAM4256P	46 26 0	113 46 54	.42
SAM4258P	46 24 56	113 47 50	<.05
SAM4260P	46 24 24	113 46 56	<.05
SAM4262P	46 24 26	113 46 57	.29
SAM4264P	46 24 26	113 46 59	<.05
SAM4266P	46 23 28	113 45 51	<.05
SEM0591P	46 45 13	113 56 24	<.05
SEM0593P	46 45 26	113 56 49	<.05
SEM0595P	46 46 16	113 54 13	<.05
SEM0597P	46 46 19	113 54 9	<.05
SEM0599P	46 46 21	113 54 16	<.05
SEM1401P	46 46 44	113 57 12	<.05
SEM1403P	46 46 39	113 58 35	<.05
SEM1416P	46 49 51	113 58 37	<.05
SEM1418P	46 49 42	113 58 26	<.05
SEM1421P	46 49 15	113 57 31	<.05
SEM1423P	46 49 35	113 57 6	<.05
SEM1424P	46 49 35	113 57 8	.65

TABLE 1.--Gold: Butte 1° x 2° quadrangle, Montana
--continued

Sample	Latitude	Longitude	Au ppm (.05)
SEM1425P	46°49' 5"	113°56' 0"	<.05
SEM1427P	46 49 19	113 56 33	<.05
SEM1429P	46 49 21	113 56 32	<.05
SEM1432P	46 48 54	113 54 22	<.05
SEM1434P	46 48 49	113 54 13	<.05
SEM1436P	46 49 5	113 54 4	<.05
SEM1439P	46 50 44	113 54 9	<.05
SEM1442P	46 51 23	113 52 59	<.05
SEM1444P	46 50 55	113 52 33	<.05
SEM1464P	46 47 9	113 58 50	<.05
SEM1466P	46 46 51	113 57 25	<.05
SEM1469P	46 47 9	113 57 10	<.05
SEM1471P	46 50 15	113 57 15	<.05
SEM1472P	46 47 27	113 54 48	<.05
SHE7384P	46 59 39	112 7 18	<.05
SHE7386P	46 59 39	112 7 18	<.05
SHE73930	46 59 24	112 6 18	<.05
SHE8728P	46 52 47	112 1 35	<.05
SHE8730P	46 59 25	112 4 28	.15
SHE8746P	46 53 43	112 6 12	<.05
SHE8750P	46 53 52	112 6 55	<.05
SHE8753P	46 57 38	112 3 38	<.05
SHE8755P	46 57 39	112 3 32	<.05
SHE87580	46 58 7	112 3 56	.40
SHE8762P	46 59 54	112 1 35	<.05
SHE8773P	46 58 13	112 0 22	<.05
SHE8775P	46 57 52	112 0 2	<.05
SHE8777P	46 54 46	112 0 45	<.05
SHE8793P	46 58 8	112 5 20	.38
SHE8795P	46 51 28	112 10 28	.09
SHE9673P	46 55 55	112 2 46	<.05
SHE9675P	46 55 50	112 2 40	<.05
SIL8783P	46 51 48	112 12 35	<.05
SIL8789P	46 49 20	112 11 55	<.05
SIL8797P	46 48 48	112 12 58	<.05
SIL8799P	46 49 5	112 14 8	<.05
SIL9601P	46 48 12	112 11 0	.24
SIL9604P	46 46 36	112 11 8	<.05
SIL9606P	46 45 52	112 10 40	2.06
SIL9610P	46 45 52	112 13 45	.33
SK0766P	46 10 34	113 48 31	<.05
SK0768P	46 10 35	113 48 33	<.05
SK0771P	46 10 4	113 48 53	<.05
SK0773P	46 10 7	113 48 55	<.05
SK0775P	46 10 1	113 49 5	<.05
SK0782P	46 9 41	113 50 19	<.05
SK1240P	46 9 41	113 46 38	<.05
SK1242P	46 9 45	113 46 36	<.05
SK1244P	46 9 39	113 46 11	<.05
SK1246P	46 9 48	113 46 7	<.05

TABLE 1.--Gold: Butte 1° x 2° quadrangle, Montana
--continued

Sample	Latitude	Longitude	Au ppm (.05)
SK1248P	46°10' 29"	113°45' 57"	<.05
SK1250P	46 10 32	113 47 0	<.05
SK1252P	46 10 54	113 45 28	<.05
SK1255P	46 11 39	113 45 19	.06
SK1257P	46 11 43	113 45 4	<.05
SK1807P	46 8 31	113 45 5	<.05
SK1809P	46 8 40	113 45 20	<.05
SK1811P	46 9 1	113 45 35	<.05
SK1813P	46 8 58	113 45 39	<.05
SK1815P	46 9 4	113 45 50	<.05
SK1902P	46 8 21	113 49 13	<.05
SK1904P	46 8 9	113 49 44	<.05
SK1906P	46 8 7	113 49 46	<.05
SK2269P	46 7 46	113 51 10	<.05
SK2271P	46 8 32	113 52 7	<.05
SK2302P	46 9 42	113 51 28	<.05
SK2309P	46 8 18	113 52 1	<.05
SK2311P	46 12 34	113 51 9	<.05
SK2313P	46 13 17	113 50 2	<.05
SK2315P	46 13 1	113 50 21	<.05
SK2317P	46 11 57	113 51 57	.10
SK2322P	46 14 33	113 49 56	2.02
SK2324P	46 14 38	113 49 59	<.05
SK2326P	46 11 2	113 45 12	<.05
SK2662P	46 11 34	113 52 13	<.05
SK2664P	46 11 45	113 52 8	<.05
SK2670P	46 11 48	113 51 59	<.05
SK2673P	46 10 48	113 50 20	<.05
SK2675P	46 11 10	113 50 35	<.05
SK2677P	46 11 11	113 50 37	<.05
SK2701P	46 14 46	113 47 1	<.05
SK2703P	46 14 51	113 47 25	<.05
SK2705P	46 14 29	113 45 8	<.05
SK382P	46 9 7	113 49 11	<.05
SK4297P	46 14 38	113 52 25	<.05
SK749MA	46 9 5	113 48 12	<.05
SK749MB	46 9 5	113 48 12	<.05
SK749MC	46 9 5	113 48 12	<.05
SK749MD	46 9 5	113 48 12	<.05
SK962P	46 12 12	113 48 18	<.05
SK964P	46 12 13	113 48 14	<.05
SK966P	46 12 0	113 47 54	<.05
SK971P	46 11 40	113 46 57	.22
SK973P	46 12 4	113 46 48	<.05
SK975P	46 12 8	113 46 35	<.05
SK981P	46 11 59	113 45 45	.10
SK983P	46 11 57	113 45 48	<.05
SK993P	46 7 58	113 48 1	<.05
SK995P	46 7 59	113 48 2	<.05
SLV1100P	46 9 12	113 13 29	<.05

TABLE 1.--Gold: Butte 1° x 2° quadrangle, Montana
--continued

Sample	Latitude	Longitude	Au ppm (.05)
SLV1102P	46° 8' 46"	113° 12' 30 "	<.05
SLV1106P	46 14 37	113 9 18	<.05
SLV1112P	46 13 45	113 11 5	2.60
SLV1114P	46 13 45	113 11 5	.46
SLV1116P	46 14 32	113 10 50	<.05
SLV20830	46 10 29	113 14 39	.10
SLV20860	46 11 32	113 12 8	<.05
SLV20880	46 12 28	113 13 48	.10
SLV20890	46 12 30	113 12 50	<.05
SLV3608P	46 11 6	113 46 14	63.00
SLV3610P	46 10 7	113 9 15	.23
SLV6200P	46 10 34	113 12 45	<.05
SLV6209P	46 13 28	113 10 58	<.05
SLV6213P	46 13 43	113 10 45	<.05
SLV6215P	46 14 30	113 10 52	.30
SLV6217P	46 7 31	113 8 55	<.05
SLV6219P	46 9 26	113 14 3	<.05
SLV6221P	46 12 43	113 12 19	<.05
SLV6223P	46 10 10	113 9 14	5.90
SLV6225P	46 10 7	113 9 11	.40
SLV6227P	46 8 25	113 8 46	<.05
SLV6229P	46 10 32	113 8 2	<.05
SLV6231P	46 10 31	113 8 0	<.05
SQ1148P	46 6 17	113 16 43	<.05
SQ2559P	46 3 25	113 18 13	<.05
SQ2562P	46 3 24	113 18 1	<.05
SQ2565P	46 3 24	113 18 0	<.05
SQ2581P	46 5 19	113 21 28	.70
SQ2584P	46 1 40	113 20 14	<.05
SQ2586P	46 2 14	113 20 22	<.05
SQ2588P	46 2 24	113 20 44	<.05
SQ2590P	46 2 52	113 20 56	<.05
SQ2593P	46 3 17	113 21 47	<.05
SQ2595P	46 3 20	113 21 49	<.05
SQ2596P	46 3 27	113 21 54	<.05
SQ3616P	46 7 28	113 17 50	.20
SQ3618P	46 6 58	113 19 59	.72
SQ3792P	46 1 48	113 15 55	<.05
SQ3795P	46 1 46	113 15 54	<.05
SQ3798P	46 1 58	113 15 17	<.05
SQ6245P	46 7 28	113 21 33	<.05
SQ6247P	46 6 22	113 16 48	.06
SQ9110R	46 4 39	113 21 51	<.05
SQ9111R	46 5 21	113 21 53	<.05
SQ9112R	46 5 26	113 22 3	<.05
SQ9201H	46 0 28	113 18 17	<.05
SQ9202H	46 0 24	113 18 11	<.05
SQ9203H	46 0 22	113 17 30	<.05
SQ9204H	46 0 6	113 17 5	<.05
SQ9501R	46 0 38	113 15 6	<.05

TABLE 1.--Gold: Butte 1° x 2° quadrangle, Montana
--continued

Sample	Latitude	Longitude	Au ppm (.05)
SQ9502R	46° 0' 43"	113° 15' 5"	<.05
STC1034P	46 15 53	113 37 57	.22
STC1036P	46 15 43	113 37 53	.39
STC1037P	46 15 42	113 37 56	.12
STC1038P	46 15 41	113 37 48	.06
STC1039P	46 15 42	113 37 33	.42
STC2768P	46 21 44	113 38 13	<.05
STC2770P	46 21 23	113 38 12	<.05
STC2772P	46 21 23	113 38 12	1.67
STC3235P	46 17 36	113 40 46	<.05
STC3239P	46 17 33	113 40 56	<.05
STC3239P	46 17 33	113 40 56	.07
STC3241P	46 17 35	113 40 57	3.90
STC3243R	46 18 23	113 39 38	8.70
STC3246R	46 18 23	113 39 34	14.80
STC3249P	46 18 30	113 40 1	.07
STC3254P	46 18 48	113 40 9	<.05
STC3256P	46 19 19	113 39 59	<.05
STC3295P	46 19 33	113 39 8	<.05
STC3297P	46 19 14	113 38 8	.22
STC3299P	46 19 11	113 38 6	<.05
STC4222P	46 20 33	113 39 47	.17
STC4224P	46 20 25	113 39 56	.29
STC4226P	46 19 30	113 41 18	<.05
STC4228P	46 18 23	113 43 4	<.05
STC4230P	46 17 55	113 43 52	.18
STC4232P	46 17 47	113 43 43	.10
STC4238P	46 16 1	113 42 46	.26
STC4274P	46 20 58	113 42 27	<.05
STE1031R	46 53 27	112 28 52	.08
STE5559P	46 59 54	112 23 52	<.05
STE5561P	46 59 50	112 25 12	<.05
STE5563P	46 56 48	112 29 22	<.05
STE5565P	46 56 46	112 29 30	<.05
STE5567P	46 57 10	112 29 21	.56
STE5572P	46 53 34	112 28 51	43.40
STE5574P	46 52 40	112 27 36	.59
STE5576P	46 53 58	112 25 8	<.05
STE7253P	46 58 48	112 26 15	<.05
STE7256P	46 59 10	112 27 21	<.05
STE7266P	46 59 26	112 24 51	.05
STE7268P	46 58 28	112 28 59	<.05
STE7270P	46 59 2	112 22 24	<.05
STE7282P	46 53 55	112 27 43	<.05
STE7284P	46 54 9	112 27 5	<.05
STE7326P	46 52 33	112 26 35	155.85
STE9668P	46 54 48	112 23 39	<.05
STE9670P	46 54 48	112 23 32	<.05
STU0008P	47 0 56	113 59 52	<.05
STU0030P	47 4 11	113 53 17	<.05

TABLE 1.--Gold: Butte 1° x 2° quadrangle, Montana
--continued

Sample	Latitude	Longitude	Au ppm (.05)
STU0031P	47° 4' 14"	113° 53' 10"	<.05
STU0200P	47 2 43	113 52 48	.45
STU0201P	47 2 43	113 52 48	<.05
STU0203P	47 2 45	113 52 47	<.05
STU0241P	47 2 43	113 59 59	<.05
STU0243P	47 4 0	113 59 40	<.05
STU0245P	47 3 42	113 59 4	<.05
STU0247P	47 4 47	113 57 44	<.05
STU0249P	47 5 4	113 56 53	<.05
STU0257P	47 6 37	113 53 49	<.05
STU0259P	47 6 16	113 52 44	<.05
STU0263P	47 0 17	113 53 23	<.05
STU0265P	47 0 20	113 53 38	<.05
STU0267P	47 0 32	113 53 10	<.05
STU0417P	47 2 22	113 57 17	<.05
STU0419P	47 2 17	113 57 17	<.05
STU0421P	47 2 12	113 57 17	<.05
STU0423P	47 2 2	113 57 7	<.05
STU0425P	47 1 28	113 57 13	<.05
STU0427P	47 1 18	113 57 47	<.05
STU0429P	47 1 8	113 58 16	<.05
STU0614P	47 2 4	113 54 11	<.05
STU0616P	47 1 59	113 54 12	<.05
STU0618P	47 3 21	113 54 38	<.05
STU0620P	47 3 23	113 54 42	<.05
STU0622P	47 3 28	113 54 41	<.05
STU0624P	47 2 28	113 52 33	<.05
STU0805P	47 4 19	113 56 14	<.05
STU1872P	47 0 7	113 58 54	<.05
SUN0572P	46 53 58	113 44 44	<.05
SUN0576P	46 56 21	113 43 10	<.05
SUN1500P	46 57 54	113 43 56	<.05
SUN1504P	46 56 8	113 41 27	<.05
SUN1509P	46 53 12	113 39 38	.53
SUN1512P	46 53 14	113 38 18	<.05
SUN1514P	46 55 53	113 37 54	<.05
SUN1525P	46 58 28	113 41 22	<.05
SWD01640	46 56 36	112 30 45	7.80
SWD5553P	46 59 46	112 37 2	<.05
SWD5555P	46 59 43	112 33 15	<.05
SWD5557P	46 59 43	112 33 15	<.05
SWD7681P	46 58 37	112 36 56	<.05
SWD7683P	46 58 33	112 34 8	.15
SWD7688P	46 55 44	112 36 23	<.05
SWD7690P	46 55 26	112 35 52	<.05
SWD7692P	46 56 56	112 34 46	<.05
SWD7694P	46 56 12	112 31 13	15.60
SWD7696P	46 53 28	112 31 13	<.05
SWD7699P	46 53 7	112 31 59	.95
SWD7701P	46 52 30	112 32 8	11.80

TABLE 1.--Gold: Butte 1° x 2° quadrangle, Montana
--continued

Sample	Latitude	Longitude	Au ppm (.05)
SWD7705P	46°52' 38"	112°34'25 "	2.85
SWD7707P	46 52 38	112 34 25	.50
SWD7709P	46 52 43	112 34 22	.20
SWD7711P	46 52 34	112 36 0	<.05
SWD7717P	46 57 0	112 32 9	2.70
UNI0190R	46 50 32	113 22 55	53.00
UNI0194R	46 50 32	113 22 55	1.20
UNI30500	46 48 19	113 27 12	.25
UNI3977P	46 48 7	113 29 57	<.05
UNI4852P	46 52 29	113 23 52	<.05
UNI49230	46 50 32	113 22 55	64.00
UNI49240	46 50 44	113 22 59	48.00
UNI49260	46 50 48	113 23 8	.27
UNI4939P	46 50 21	113 23 59	24.40
UNI4941P	46 50 21	113 23 59	15.20
UNI49450	46 50 39	113 22 59	2.80
UNI4946P	46 50 39	113 22 59	3.60
UNI4947P	46 50 39	113 22 59	860.00
UNI49480	46 50 39	113 22 53	6.70
UNI4949P	46 50 39	113 22 53	180.00
UNI4952P	46 50 39	113 22 40	10.50
UNI49530	46 50 45	113 22 53	4.10
UNI4957P	46 51 16	113 27 19	.12
UNI4959P	46 51 33	113 29 12	.12
UNI4963P	46 49 57	113 27 49	<.05
UNI4967P	46 48 43	113 26 58	<.05
UNI4970P	46 48 57	113 25 10	<.05
UNI4972P	46 48 30	113 26 45	<.05
UNI49740	46 48 32	113 27 13	7.40
UNI49750	46 48 29	113 27 13	.08
UNI49770	46 48 18	113 27 12	.21
UNI4986P	46 47 4	113 24 19	2.30
UNI4988P	46 47 5	113 24 22	.07
UNI4990P	46 46 40	113 25 17	.30
UNI4993P	46 45 46	113 22 51	<.05
UNI5938P	46 49 19	113 22 30	<.05
WAR63400	46 0 0	113 28 54	<.05
WE3624P	46 14 32	113 6 30	<.05
WE3626P	46 12 50	113 7 0	<.05
WE3628P	46 10 11	113 4 29	<.05
WE3630P	46 10 59	113 5 33	<.05
WE3632P	46 11 26	113 6 15	<.05
WE3634P	46 10 2	113 2 37	<.05
WE3636P	46 10 2	113 2 37	<.05
WE3638P	46 10 2	113 2 32	<.05
WE3640P	46 10 19	113 1 8	<.05
WE3738P	46 14 10	113 4 26	<.05
WE3740P	46 14 8	113 4 25	<.05
WE3742P	46 13 44	113 2 58	<.05
WE3771P	46 8 41	113 1 23	<.05

TABLE 1.--Gold: Butte 1° x 2° quadrangle, Montana
--continued

Sample	Latitude	Longitude	Au ppm (.05)
WE3773P	46° 8' 15"	113° 2' 36"	<.05
WE3775P	46 8 24	113 3 16	<.05
WE3785P	46 9 36	113 6 30	<.05
WE3787P	46 9 34	113 6 1	<.05
WE4601P	46 7 31	113 0 58	<.05
WE4603P	46 7 42	113 0 59	<.05
WHE0073P	46 4 20	113 44 34	<.05
WHE0076P	46 5 18	113 43 55	<.05
WHE0079P	46 6 13	113 41 57	6.70
WHE0686P	46 7 28	113 43 54	<.05
WHE0688P	46 7 29	113 43 49	<.05
WHE0691P	46 6 59	113 42 41	<.05
WHE0694P	46 7 17	113 42 24	<.05
WHE0696P	46 7 15	113 41 9	<.05
WHE0699P	46 6 41	113 40 3	<.05
WHE0701P	46 6 59	113 38 35	<.05
WHE0703P	46 0 47	113 44 56	<.05
WHE0706P	46 0 56	113 44 59	<.05
WHE0708P	46 1 24	113 44 47	<.05
WHE0710P	46 1 22	113 44 47	<.05
WHE0712P	46 1 24	113 44 4	<.05
WHE0714P	46 1 26	113 44 3	<.05
WHE0752P	46 0 20	113 44 29	<.05
WHE0761P	46 7 18	113 38 7	.11
WHE0828P	46 7 17	113 42 24	<.05
WHE0830P	46 7 15	113 42 23	<.05
WHE0832P	46 1 25	113 42 27	<.05
WHE0834P	46 1 26	113 42 23	<.05
WHE0836P	46 1 10	113 42 5	<.05
WHE0839P	46 0 40	113 41 46	3.50
WHE0841P	46 0 33	113 41 44	.90
WHE0843P	46 0 26	113 41 50	.32
WHE0845P	46 0 20	113 42 12	.30
WHE0847P	46 0 22	113 42 16	.30
WHE0849P	46 0 4	113 42 34	<.05
WHE1638P	46 1 28	113 39 46	8.56
WHE1640P	46 1 38	113 39 52	6.60
WHE1643P	46 1 22	113 38 31	.05
WHE1645P	46 1 17	113 38 31	<.05
WHE1911P	46 0 10	113 38 12	<.05
WHE1913P	46 0 9	113 38 6	2.18
WHE2122P	46 3 42	113 40 12	<.05
WHE2124P	46 3 22	113 40 13	.40
WHE2126P	46 3 18	113 40 15	.10
WHE2128P	46 3 3	113 40 32	<.05
WHE2130P	46 3 6	113 40 45	<.05
WHE2132P	46 3 13	113 41 9	.25
WHE2134P	46 3 17	113 41 12	<.05
WHE2136P	46 1 45	113 41 54	<.05
WHE2138P	46 1 34	113 42 24	<.05

TABLE 1.--Gold: Butte 1° x 2° quadrangle, Montana
--continued

Sample	Latitude	Longitude	Au ppm (.05)
WHE2140P	46° 1' 24"	113° 42' 28"	<.05
WHE2144P	46 0 56	113 42 2	<.05
WHE298P	46 6 28	113 44 2	<.05
WHE300P	46 6 40	113 44 2	<.05
WHE302P	46 6 32	113 43 13	.11
WHE304P	46 7 18	113 38 12	.14
WHE306P	46 6 45	113 40 30	<.05
WHE308P	46 6 39	113 39 34	<.05
WHE310P	46 6 1	113 39 32	<.05
WHE312P	46 6 1	113 39 32	<.05
WHE314P	46 5 27	113 39 58	<.05
WHE316P	46 5 6	113 39 54	<.05
WHE318P	46 5 1	113 40 0	.07
WHE344P	46 0 22	113 44 19	<.05
WHE354P	46 3 22	113 37 38	.75
WHE359P	46 5 42	113 34 30	<.05
WHE465P	46 2 32	113 41 25	<.05
WHE473P	46 2 54	113 42 11	<.05
WHE475P	46 2 54	113 42 11	<.05
WHE477P	46 3 0	113 42 10	<.05
WHE479P	46 3 13	113 41 7	<.05
WHE481P	46 3 17	113 41 11	<.05
WHE483P	46 3 30	113 40 56	<.05
WHE485P	46 3 15	113 40 40	<.05
WHE487P	46 3 17	113 40 39	<.05
WHE489P	46 3 41	113 40 37	.45
WHE491P	46 3 55	113 40 40	<.05
WHE5254R	46 7 29	113 39 49	1.40
WHE5256R	46 7 29	113 39 49	3.20
WHE913P	46 2 34	113 41 28	<.05
WIH5828P	46 46 12	113 12 51	<.05
WIH5861P	46 47 52	113 12 10	<.05
WIH5863P	46 49 54	113 13 27	1.68
WIH5865P	46 47 29	113 8 26	1.14
WIH5971P	46 45 45	113 12 23	.05
WIH6430P	46 52 17	113 12 48	.15
WIH6432P	46 52 15	113 12 45	<.05
WIH6437P	46 52 22	113 9 58	<.05
WIH6439P	46 52 19	113 9 54	<.05
WIH6441P	46 51 8	113 8 14	<.05
WIH6901P	46 47 40	113 11 55	2.40
WIH6902P	46 49 52	113 13 37	46.30
WIH6905P	46 47 9	113 9 53	<.05
WIH7954P	46 48 28	113 8 3	<.05
WIH7956P	46 49 57	113 10 25	<.05
WIH7958P	46 49 52	113 10 26	<.05
WIH7960P	46 49 22	113 9 28	<.05
WIH7962P	46 49 21	113 9 39	<.05
WIH7964P	46 48 15	113 13 3	<.05
WIH7966P	46 48 14	113 12 56	<.05

TABLE 1.--Gold: Butte 1° x 2° quadrangle, Montana
--continued

Sample	Latitude	Longitude	Au ppm (.05)
WIH7968P	46° 48' 56"	113° 13' 23"	<.05
WIH7970P	46 46 33	113 11 50	<.05
WIH7972P	46 45 19	113 11 48	<.05
WIH7974P	46 45 38	113 8 39	<.05
WIH7976P	46 46 29	113 8 12	<.05
WIH7978P	46 46 27	113 8 4	<.05
WIL7262P	46 59 43	112 21 16	<.05
WIL7273P	46 58 10	112 20 50	<.05
WIL7275P	46 56 49	112 20 26	.65
WIL7277P	46 56 8	112 20 35	<.05
WIL7280P	46 53 28	112 20 15	<.05
WIL7312P	46 57 48	112 19 22	<.05
WIL7314P	46 58 35	112 18 59	<.05
WIL7316P	46 58 35	112 19 2	<.05
WIL7318P	46 57 27	112 20 20	<.05
WIL7320P	46 54 31	112 20 58	.15
WIL7372P	46 52 41	112 17 19	.70
WIL7374P	46 54 0	112 16 55	<.05
WIL7376P	46 54 44	112 17 55	<.05
WIL7378P	46 56 23	112 18 28	<.05
WIL8218P	46 59 57	112 15 21	<.05
WIL8289P	46 52 33	112 19 42	<.05
WIL83000	46 54 19	112 15 47	.25
WIM1309P	46 17 49	113 59 26	<.05
WIM1311P	46 17 43	113 58 52	<.05
WIM1313P	46 17 44	113 58 13	<.05
WIM1315P	46 17 46	113 58 11	<.05
WIM1317P	46 17 9	113 56 43	<.05
WIM1319P	46 17 38	113 56 16	<.05
WIM1321P	46 16 19	113 59 1	<.05
WIM1323P	46 17 5	113 59 27	<.05
WIM1325P	46 16 29	113 57 8	<.05
WIM1327P	46 17 41	113 53 20	<.05
WIM1329P	46 17 27	113 54 45	<.05
WIM1331P	46 16 17	113 55 38	<.05
WIM1333P	46 19 45	113 57 21	<.05
WIM1335P	46 19 50	113 59 44	<.05
WIM1338P	46 20 50	113 59 16	<.05
WIM1340P	46 22 18	113 59 40	<.05
WIM1342P	46 21 49	113 59 0	<.05
WIM1346P	46 22 1	113 57 24	<.05
WIM1359P	46 22 25	113 55 4	<.05
WIM1368P	46 17 37	113 54 54	<.05
WIM1370P	46 17 43	113 55 18	<.05
WIM1372P	46 17 43	113 59 52	<.05
WIM1729P	46 21 0	113 55 39	<.05
WIM1731P	46 20 43	113 56 2	<.05
WIM1733P	46 21 25	113 56 0	<.05
WIM1735P	46 21 52	113 55 49	1.19
WIM2603P	46 15 18	113 54 1	<.05

TABLE 1.--Gold: Butte 1° x 2° quadrangle, Montana
--continued

Sample	Latitude	Longitude	Au ppm (.05)
WIM2605P	46°15' 20"	113° 54' 8 "	.13
WIM4282P	46 20 22	113 53 10	<.05
WIM4284P	46 18 42	113 53 45	<.05
WIM4286P	46 18 3	113 53 46	<.05
WLA0237P	47 1 18	113 47 54	<.05
WLA0239P	47 1 16	113 47 54	<.05
WLA0261P	47 5 31	113 51 30	<.05
WLA0269P	47 0 34	113 51 49	<.05
WLA0271P	47 0 32	113 51 48	<.05
WLA0273P	47 0 18	113 51 13	<.05
WLA0275P	47 0 18	113 51 13	<.05
WLA0626P	47 2 37	113 52 3	<.05
WLA0628P	47 2 2	113 51 33	<.05
WLA0632P	47 1 59	113 51 6	<.05
WLA0634P	47 1 59	113 51 6	<.05
WLA0657P	47 2 31	113 47 47	<.05
WLA0669P	47 4 22	113 49 18	<.05
WLA1478P	47 1 59	113 51 6	<.05
WLA1855P	47 1 9	113 50 47	<.05
WLA1857P	47 0 1	113 50 22	<.05
WLA1859P	47 0 4	113 50 29	<.05